

Bioinformatics Algorithms Active Learning Approach

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Welcome to our captivating book summary collection. We are delighted to present you to the globe of Bioinformatics Algorithms Active Learning Approach recaps and just how they can boost your analysis experience. As enthusiastic viewers ourselves, we understand the value of diving right into the heart of every tale and uncovering its essence in bite-sized portions.

Bioinformatics Algorithms Active Learning Approach publication recap collection provides just that - a succinct and helpful recap of the bottom lines and motifs of a book. In today's fast-paced world, we know that time is valuable, and our summaries are designed to save you time by giving a quick introduction of Bioinformatics Algorithms Active Learning Approach's material and understandings.

Our team of expert writers carefully curates our publication recap of Bioinformatics Algorithms Active Learning Approach collection to ensure that we give you with premium summaries that record the significance of each publication. Whether you are aiming to discover new styles, uncover brand-new writers, or merely gain much deeper understandings right into your favored books, our collection has something for everyone.

Join us today and unlock the world of Bioinformatics Algorithms Active Learning Approach recaps. Discover the benefits of condensing complicated concepts right into simple and easy-to-understand language. Our publication recaps are a terrific method to increase your knowledge and widen your horizons without needing to spend hours of your time.

Remain tuned as we discover the principle of Bioinformatics Algorithms Active Learning Approach, review their benefits, and provide suggestions on how to write efficient summaries. With our help, you'll locate the best publication for your interests and unlock a world of understanding.

EXPLORING PUBLICATION RECAPS OF BIOINFORMATICS ALGORITHMS ACTIVE LEARNING APPROACH

[Bioinformatics, second edition](#) Morgan & Claypool Publishers

This open access book presents the first comprehensive overview of general methods in Automated Machine Learning (AutoML), collects descriptions of existing systems based on these methods, and discusses the first series of international challenges of AutoML systems. The recent success of commercial ML applications and the rapid growth of the field has created a high demand for off-the-shelf ML methods that can be used easily and without expert knowledge. However, many of the recent machine learning successes crucially rely on human experts, who manually select appropriate ML architectures (deep learning architectures or more traditional ML workflows) and their hyperparameters. To overcome this problem, the field of AutoML targets a progressive automation of machine learning, based on principles from optimization and machine learning itself. This book serves as a point of entry into this quickly-developing field for researchers and advanced students alike, as well as providing a reference for practitioners aiming to use AutoML in their work.

[Machine Learning in Action](#) "O'Reilly Media, Inc."

Suitable for advanced undergraduates & postgraduates, this book provides a definitive guide to bioinformatics. It takes a conceptual approach & guides the reader from first principles through to an understanding of the computational techniques & the key algorithms.

[Introduction to Bioinformatics](#) John Wiley & Sons

Wiley is proud to announce the publication of the first ever broad-based textbook introduction to Bioinformatics and Functional Genomics by a trained biologist, experienced researcher, and award-winning instructor. In this new text, author Jonathan Pevsner, winner of the 2001 Johns Hopkins University "Teacher of the Year" award, explains problem-solving using bioinformatic approaches using real examples such as breast cancer, HIV-1, and retinal-binding protein throughout. His book includes 375 figures and over 170 tables. Each chapter includes: Problems, discussion of Pitfalls, Boxes explaining key techniques and math/stats principles, Summary, Recommended Reading list, and URLs for freely available software. The text is suitable for professionals and students at every level, including those with little to no background in computer science.

[Automated Machine Learning](#) CRC Press

This book discusses topics related to bioinformatics, statistics, and machine learning, presenting the latest research in various areas of bioinformatics. It also highlights the role of computing and machine learning in knowledge extraction from biological data, and how this knowledge can be applied in fields such as drug design, health supplements, gene therapy, proteomics and agriculture.

[An Active Learning Approach](#) CRC Press

This book offers comprehensive coverage of all the core topics of bioinformatics, and includes practical examples completed using the MATLAB bioinformatics toolbox™. It is primarily intended as a textbook for engineering and computer science students attending advanced undergraduate and graduate courses in bioinformatics and computational biology. The book develops bioinformatics concepts from the ground up, starting with an introductory chapter on molecular biology and genetics. This chapter will enable physical science students to fully understand and appreciate the ultimate goals of applying the principles of information technology to challenges in biological data management, sequence analysis, and systems

biology. The first part of the book also includes a survey of existing biological databases, tools that have become essential in today's biotechnology research. The second part of the book covers methodologies for retrieving biological information, including fundamental algorithms for sequence comparison, scoring, and determining evolutionary distance. The main focus of the third part is on modeling biological sequences and patterns as Markov chains. It presents key principles for analyzing and searching for sequences of significant motifs and biomarkers. The last part of the book, dedicated to systems biology, covers phylogenetic analysis and evolutionary tree computations, as well as gene expression analysis with microarrays. In brief, the book offers the ideal hands-on reference guide to the field of bioinformatics and computational biology.

[Methods and Exercises in MATLAB](#) MIT Press

An introductory text that emphasizes the underlying algorithmic ideas that are driving advances in bioinformatics. This introductory text offers a clear exposition of the algorithmic principles driving advances in bioinformatics. Accessible to students in both biology and computer science, it strikes a unique balance between rigorous mathematics and practical techniques, emphasizing the ideas underlying algorithms rather than offering a collection of apparently unrelated problems. The book introduces biological and algorithmic ideas together, linking issues in computer science to biology and thus capturing the interest of students in both subjects. It demonstrates that relatively few design techniques can be used to solve a large number of practical problems in biology, and presents this material intuitively. An Introduction to Bioinformatics Algorithms is one of the first books on bioinformatics that can be used by students at an undergraduate level. It includes a dual table of contents, organized by algorithmic idea and biological idea; discussions of biologically relevant problems, including a detailed problem formulation and one or more solutions for each; and brief biographical sketches of leading figures in the field. These interesting vignettes offer students a glimpse of the inspirations and motivations for real work in bioinformatics, making the concepts presented in the text more concrete and the techniques more approachable. PowerPoint presentations, practical bioinformatics problems, sample code, diagrams, demonstrations, and other materials can be found at the Author's website.

At our publication recap collection, we firmly count on the power of exploring Bioinformatics Algorithms Active Learning Approach. Not just can this open up brand-new understanding and insights, yet it can additionally save visitors time and aid them decide which publications to spend their time in. Let's dive into the idea of Bioinformatics Algorithms Active Learning Approach recaps and their benefits.

WHAT ARE BOOK SUMMARIES?

Reserve summaries are condensed versions of a publication's key points and themes. They give a quick summary of Bioinformatics Algorithms Active Learning Approach's significance in bite-sized portions. They can vary from a couple of paragraphs to a few web pages.

WHY ARE THEY IMPORTANT?

Bioinformatics Algorithms Active Learning Approach recaps are important because they allow readers to acquire a deeper understanding of a publication's bottom lines and motifs without needing to review the full book. They are especially helpful for hectic individuals who wish to remain educated yet may not have the time to check out a whole publication of Bioinformatics Algorithms Active Learning Approach.

HOW CAN THEY BENEFIT BIOINFORMATICS ALGORITHMS ACTIVE LEARNING APPROACH VIEWERS?

Schedule recaps can benefit viewers by saving time, giving a hassle-free overview of Bioinformatics Algorithms Active Learning Approach's significance, and helping readers establish which books deserve spending even more time in. They enable readers to rapidly and easily obtain insights and expertise without having to commit to checking out the complete book of Bioinformatics Algorithms Active Learning Approach.

- Saves time
- Supplies a fast review
- Assists Bioinformatics Algorithms Active Learning Approach readers choose which publications to spend more time in

Keep tuned for our following section where we will dive deeper into the advantages of Bioinformatics Algorithms Active Learning Approach.

Bioinformatics Algorithms Bioinformatics AlgorithmsAn Active Learning ApproachBioinformatics Algorithms: an Active Learning Approach is one of the first textbooks to emerge from the recent Massive Open Online Course (MOOC) revolution. A light-hearted and analogy-filled companion to the authors' acclaimed online course (<http://coursera.org/course/bioinformatics>), this book presents students with a dynamic approach to learning bioinformatics. It strikes a unique balance between practical challenges in modern biology and fundamental algorithmic ideas, thus capturing the interest of students of biology and computer science students alike. Each chapter begins with a central biological question, such as "Are There Fragile Regions in the Human Genome?" or "Which DNA Patterns Play the Role of Molecular Clocks?" and then steadily develops the algorithmic sophistication required to answer this question. Hundreds of exercises are incorporated directly into the text as soon as they are needed; readers can test their knowledge through automated coding challenges on Rosalind (<http://rosalind.info>), an online platform for learning bioinformatics. The textbook website (<http://bioinformaticsalgorithms.org>) directs readers toward additional educational materials, including video lectures and PowerPoint slides. Bioinformatics AlgorithmsAn Active Learning ApproachBioinformatics Algorithms: an Active Learning Approach is one of the first textbooks to emerge from the recent Massive Open Online Course (MOOC) revolution. A light-hearted and analogy-filled companion to the authors'

acclaimed MOOC on Coursera, this book presents students with a dynamic approach to learning bioinformatics. It strikes a unique balance between practical challenges in modern biology and fundamental algorithmic ideas, thus capturing the interest of students of both biology and computer science. Each chapter begins with a central biological question, such as "Are There Fragile Regions in the Human Genome?" or "Which DNA Patterns Play the Role of Molecular Clocks?" and then steadily develops the algorithmic sophistication required to answer this question. Hundreds of exercises are incorporated directly into the text as soon as they are needed; readers can test their knowledge through automated coding challenges on the Rosalind Bioinformatics Textbook Track. A website augments the textbook by providing additional educational materials, including video lectures and PowerPoint slides.--Book website.Bioinformatics AlgorithmsAn Active Learning ApproachBioinformatics AlgorithmsAn Active Learning ApproachAnalysis of Algorithms

An introduction to a broad range of topics in deep learning, covering mathematical and conceptual background, deep learning techniques used in industry, and research perspectives. "Written by three experts in the field, Deep Learning is the only comprehensive book on the subject." —Elon Musk, cochair of OpenAI; cofounder and CEO of Tesla and SpaceX Deep learning is a form of machine learning that enables computers to learn from experience and understand the world in terms of a hierarchy of concepts. Because the computer gathers knowledge from experience, there is no need for a human computer operator to formally specify all the knowledge that the computer needs. The hierarchy of concepts allows the computer to learn complicated concepts by building them out of simpler ones; a graph of these hierarchies would be many layers deep. This book introduces a broad range of topics in deep learning. The text offers mathematical and conceptual background, covering relevant concepts in linear algebra, probability theory and information theory, numerical computation, and machine learning. It describes deep learning techniques used by practitioners in industry, including deep feedforward networks, regularization, optimization algorithms, convolutional networks, sequence modeling, and practical methodology; and it surveys such applications as natural language processing, speech recognition, computer vision, online recommendation systems, bioinformatics, and videogames. Finally, the book offers research perspectives, covering such theoretical topics as linear factor models, autoencoders, representation learning, structured probabilistic models, Monte Carlo methods, the partition function, approximate inference, and deep generative models. Deep Learning can be used by undergraduate or graduate students planning careers in either industry or research, and by software engineers who want to begin using deep learning in their products or platforms. A website offers supplementary material for both readers and instructors.

Understanding Machine Learning Cambridge University Press

A guide to machine learning approaches and their application to the analysis of biological data. An unprecedented wealth of data is being generated by genome sequencing projects and other experimental efforts to determine the structure and function of biological molecules. The demands and opportunities for interpreting these data are expanding rapidly. Bioinformatics is the development and application of computer methods for management, analysis, interpretation, and prediction, as well as for the design of experiments. Machine learning approaches (e.g., neural networks, hidden Markov models, and belief networks) are ideally suited for areas where there is a lot of data but little theory, which is the situation in molecular biology. The goal in machine learning is to extract useful information from a body of data by building good probabilistic models—and to automate the process as much as possible. In this book Pierre Baldi and Søren Brunak present the key machine learning approaches and apply them to the computational problems encountered in the analysis of biological data. The book is aimed both at biologists and biochemists who need to understand new data-driven algorithms and at those with a primary background in physics, mathematics, statistics, or computer science who need to know more about applications in molecular biology. This new second edition contains expanded coverage of probabilistic graphical models and of the applications of neural networks, as well as a new chapter on microarrays and gene expression. The entire text has been extensively revised.

Statistical Modelling and Machine Learning Principles for Bioinformatics Techniques, Tools, and Applications Springer

Learning Algorithms Through Programming and Puzzle Solving is one of the first textbooks to emerge from the recent Massive Open Online Course (MOOC) revolution and a companion to the authors' online specialization on Coursera and MicroMasters Program on edX. The book introduces a programming-centric approach to learning algorithms and strikes a unique balance between algorithmic ideas, programming challenges, and puzzle solving. Since the launch of this project on Coursera and edX, hundreds of thousands of students tried to solve programming challenges and algorithmic puzzles covered in this book. The book is also a step towards developing an Intelligent Tutoring System for learning algorithms. In a classroom, once a student takes a wrong turn, there are limited opportunities to ask a question, resulting in a learning breakdown, or the inability to progress further without individual guidance. When a student suffers a learning breakdown, that student needs immediate help in order to proceed. Traditional textbooks do not provide such help, but the automated grading system described in this MOOC book does! The book is accompanied by additional educational materials that include the book website, video lectures, slides, FAQs, and other resources available at Coursera and EdX.

Techniques and Applications MIT Press

Most data scientists and engineers today rely on quality labeled data to train machine learning models. But building a training set manually is time-consuming and expensive, leaving many companies with unfinished ML projects. There's a more practical approach. In this book, Wee Hyong Tok, Amit Bahree, and Senja Filipi show you how to create products using weakly supervised learning models. You'll learn how to build natural language processing and computer vision projects using weakly labeled datasets from Snorkel, a spin-off from the Stanford AI Lab. Because so many companies have pursued ML projects that never go beyond their labs, this book also provides a guide on how to ship the deep learning models you build. Get up to speed on the field of weak supervision, including ways to use it as part of the data science process Use Snorkel AI for weak supervision and data programming Get code examples for using Snorkel to label text and image datasets Use a weakly labeled dataset for text and image classification Learn practical considerations for using Snorkel with large datasets and using Spark clusters to scale labeling

An Active Learning Approach Cambridge University Press

This book constitutes the thoroughly refereed post-conference proceedings of the 15th International Meeting on Computational Intelligence Methods

for Bioinformatics and Biostatistics., CIBB 2018, held in Caparica, Portugal, in September 2018. The 32 revised full papers were carefully reviewed and selected from 51 submissions. The papers present current trends at the edge of computer and life sciences, the application of computational intelligence to a system and synthetic biology and the consequent impact on innovative medicine were presented. Theoretical and experimental biologists also presented novel challenges and fostered multidisciplinary collaboration aiming to blend theory and practice, where the founding theories of the techniques used for modelling and analyzing biological systems are investigated and used for practical applications and the supporting technologies.

Bioinformatics Data Skills Springer

String algorithms are a traditional area of study in computer science. In recent years their importance has grown dramatically with the huge increase of electronically stored text and of molecular sequence data (DNA or protein sequences) produced by various genome projects. This 1997 book is a general text on computer algorithms for string processing. In addition to pure computer science, the book contains extensive discussions on biological problems that are cast as string problems, and on methods developed to solve them. It emphasises the fundamental ideas and techniques central to today's applications. New approaches to this complex material simplify methods that up to now have been for the specialist alone. With over 400 exercises to reinforce the material and develop additional topics, the book is suitable as a text for graduate or advanced undergraduate students in computer science, computational biology, or bioinformatics. Its discussion of current algorithms and techniques also makes it a reference for professionals.

ADVANTAGES OF BIOINFORMATICS ALGORITHMS ACTIVE LEARNING APPROACH BOOK SUMMARIES

At our book summary collection, our company believe in the many benefits of reading Bioinformatics Algorithms Active Learning Approach recaps. Here are a couple of key advantages:

- **Time-saving:** With our hectic schedules, it can be testing to locate time to review every publication we want. Our book recaps offer a quick summary of one of the most vital factors without requiring to invest several hours in checking out Bioinformatics Algorithms Active Learning Approach entire publication.
- **Quick summary of Bioinformatics Algorithms Active Learning Approach:** If there is a book you're interested in, yet you're not exactly sure if it's appropriate for you, our publication recaps supply a peek right into the author's main ideas and creating style before acquiring the complete book.
- **Enhanced understanding in Bioinformatics Algorithms Active Learning Approach:** For those that have actually checked out the entire publication, our book recaps offer a chance to freshen your memory and uncover the key points and themes.

Generally, publication recaps of Bioinformatics Algorithms Active Learning Approach deal a valuable tool to boost your analysis experience and maximize your effort and time.

JUST HOW TO CREATE A BOOK RECAP OF BIOINFORMATICS ALGORITHMS ACTIVE LEARNING APPROACH

Composing a book recap might appear like a complicated task, yet it can actually be a fun and fulfilling experience. Here are some crucial elements to keep in mind when writing your publication recap:

1. **Concentrate on the essence:** The objective of a book recap is to catch the significance of Bioinformatics Algorithms Active Learning Approach in a succinct and compelling way. Prevent getting captured up in the information and rather concentrate on the key points and styles that the author is trying to share.
2. **Maintain it brief:** Bioinformatics Algorithms Active Learning Approach summary is meant to be a quick review, so maintain it short and sweet. Stay with the most important information and stay clear of going into too much depth.
3. **Include the main personalities:** Ensure to consist of a short summary of the major personalities, including their names and any type of defining traits or qualities.
4. **Highlight the central styles:** Recognize the central motifs of Bioinformatics Algorithms Active Learning Approach and highlight them in your summary. This will provide readers a better idea of what the book is about and what they can anticipate to gain from it.

By keeping these crucial elements in mind, you can compose an efficient and appealing publication summary that captures the essence of Bioinformatics Algorithms Active Learning Approach publication and leaves viewers wanting extra.

LOCATING THE RIGHT BIOINFORMATICS ALGORITHMS ACTIVE LEARNING APPROACH BOOK SUMMARIES

Are you struggling to locate the ideal Bioinformatics Algorithms Active Learning Approach recaps for your rate of interests? Don't worry, we've obtained you covered. Right here are some suggestions on discovering top notch publication summaries:

1. ONLINE PLATFORMS

Among the most convenient ways to find Bioinformatics Algorithms Active Learning Approach summaries is with on-line systems. Web sites like Blinkist, getAbstract, and Sumizeit use a range of summaries for different categories and genres. You can additionally look into Amazon Kindle's "Brief Reads" section for fast, easy-to-digest summaries.

2. BOOK TESTIMONIAL SITES

Book testimonial websites like Goodreads and BookPage frequently feature summaries together with their testimonials. They can provide a much deeper understanding of Bioinformatics Algorithms Active Learning Approach story and themes while also using insight right into the reader's experience. You can additionally have a look at their "suggested" web page to uncover new summaries.

3. CURATED COLLECTIONS

[Design and Implementation in Python](#) Addison-Wesley Professional

An unprecedented wealth of data is being generated by genome sequencing projects and other experimental efforts to determine the structure and function of biological molecules. The demands and opportunities for interpreting these data are expanding more than ever. Biotechnology, pharmacology, and medicine will be particularly affected by the new results and the increased understanding of life at the molecular level. Bioinformatics is the development and application of computer methods for analysis, interpretation, and prediction, as well as for the design of experiments. It has emerged as a strategic frontier between biology and computer science. Machine learning approaches (e.g., neural networks, hidden Markov models, and belief networks) are ideally suited for areas where there is a lot of data but little theory—and this is exactly the situation in molecular biology. As with its predecessor, statistical model fitting, the goal in machine learning is to extract useful information from a body of data by building good probabilistic models. The particular twist behind machine learning, however, is to automate the process as much as possible. In this book, Pierre Baldi and Soren Brunak present the key machine learning approaches and apply them to the computational problems encountered in the analysis of biological data. The book is aimed at two types of researchers and students. First are the biologists and biochemists who need to understand new data-driven algorithms, such as neural networks and hidden Markov models, in the context of biological sequences and their molecular structure and function. Second are those with a primary background in physics, mathematics, statistics, or computer science who need to know more about specific applications in molecular biology.

[Evolutionary Approach to Machine Learning and Deep Neural Networks](#) MIT Press (MA)

Data Structures & Theory of Computation

Machine Learning in Bioinformatics Academic Press

Presents algorithmic techniques for solving problems in bioinformatics, including applications that shed new light on molecular biology This book introduces algorithmic techniques in bioinformatics, emphasizing their application to solving novel problems in post-genomic molecular biology. Beginning with a thought-provoking discussion on the role of algorithms in twenty-first-century bioinformatics education, Bioinformatics Algorithms covers: General algorithmic techniques, including dynamic programming, graph-theoretical methods, hidden Markov models, the fast Fourier transform, seeding, and approximation algorithms Algorithms and tools for genome and sequence analysis, including formal and approximate models for gene clusters, advanced algorithms for non-overlapping local alignments and genome tilings, multiplex PCR primer set selection, and sequence/network motif finding Microarray design and analysis, including algorithms for microarray physical design, missing value imputation, and meta-analysis of gene expression data Algorithmic issues arising in the analysis of genetic variation across human population, including computational inference of haplotypes from genotype data and disease association search in case/control epidemiologic studies Algorithmic approaches in structural and systems biology, including topological and structural classification in biochemistry, and prediction of protein-protein and domain-domain interactions Each chapter begins with a self-contained introduction to a computational problem; continues with a brief review of the existing literature on the subject and an in-depth description of recent algorithmic and methodological developments; and concludes with a brief experimental study and a discussion of open research challenges. This clear and approachable presentation makes the book appropriate for researchers, practitioners, and graduate students alike.

[Methods, Systems, Challenges](#) MIT Press

Bioinformatics Algorithms An Active Learning Approach

Algorithmic Classification and Implementations Gulf Professional Publishing

Bioinformatics Algorithms: an Active Learning Approach is one of the first textbooks to emerge from the recent Massive Online Open Course (MOOC) revolution. A light-hearted and analogy-filled companion to the authors' acclaimed online course (<http://coursera.org/course/bioinformatics>), this book presents students with a dynamic approach to learning bioinformatics. It strikes a unique balance between practical challenges in modern biology and fundamental algorithmic ideas, thus capturing the interest of students of biology and computer science students alike. Each chapter begins with a central biological question, such as "Are There Fragile Regions in the Human Genome?" or "Which DNA Patterns Play the Role of Molecular Clocks?"

and then steadily develops the algorithmic sophistication required to answer this question. Hundreds of exercises are incorporated directly into the text as soon as they are needed; readers can test their knowledge through automated coding challenges on Rosalind (<http://rosalind.info>), an online platform for learning bioinformatics. The textbook website (<http://bioinformaticsalgorithms.org>) directs readers toward additional educational materials, including video lectures and PowerPoint slides.

[Probabilistic Models of Proteins and Nucleic Acids](#) Cambridge University Press

Learn the data skills necessary for turning large sequencing datasets into reproducible and robust biological findings. With this practical guide, you'll learn how to use freely available open source tools to extract meaning from large complex biological data sets. At no other point in human history has our ability to understand life's complexities been so dependent on our skills to work with and analyze data. This intermediate-level book teaches the general computational and data skills you need to analyze biological data. If you have experience with a scripting language like Python, you're ready to get started. Go from handling small problems with messy scripts to tackling large problems with clever methods and tools Process bioinformatics data with powerful Unix pipelines and data tools Learn how to use exploratory data analysis techniques in the R language Use efficient methods to work with genomic range data and range operations Work with common genomics data file formats like FASTA, FASTQ, SAM, and BAM Manage your bioinformatics project with the Git version control system Tackle tedious data processing tasks with with Bash scripts and Makefiles

For visitors who choose a more personalized touch, curated collections are a great alternative. These collections are commonly created by industry specialists or fanatics and provide a list of must-read recaps for various categories. You can locate them on blogs, podcasts, and also social media teams.

With these pointers, you can locate the best Bioinformatics Algorithms Active Learning Approach book summaries for your passions and choices. Satisfied reading!

REVIEW OF BIOINFORMATICS ALGORITHMS ACTIVE LEARNING APPROACH

- Don't you worry, it's just Christopher Paolini stealing the work of Tolkien and McAfferey and managing to call it his own. I was really looking forward to reading this book. A friend had recommended it to me and said it was worth my time... Oh what a disappointment. As I read the first pages I found myself asking how did this guy get published? There's gotta be some sort of marketing genius behind this. Of course, I didn't know of Paolini's age. Sure he started when he was 15 years old, big deal. If I'm forking out 20 bucks for his book, the only thing I care about is quality. Age is not an excuse for plagiarism. I'll cut him a break on the writing style itself. As a matter of fact, it wasn't completely terrible. For a young man, Paolini definitely has some writing skills, I just wished he would use them to craft something original. The plot reads a lot like LOTR dumbed down for anybody with ADHD, (myself included) who doesn't have the time or patience to think while reading. It felt as though Paolini had taken some Tolkien, some McAfferey and a lot of Star Wars and put them all in one giant blender and pushed the "ripped off bestseller button." I could find absolutely nothing original in the book; nothing! Don't get me wrong I understand authors borrow from tradition and other authors. Tolkien did it plenty with Norse mythology. However great authors take that and change it into something new and different. Paolini does not. Everything in his book is borrowed and done much worse than his predecessors. From the "story teller" reads a lot like he one a Gandalf look a like contest and let it get to his head. Saphira the Dragon becomes some worldly scholar in a matter of months from her birth. It's ridiculous. The character development was some of the worst I have ever read. Each character was cliché and one dimensional. Eragon, the so called hero of the novel, is nothing more than a whining brat who feels sorry for himself. He starts off as a punk, he ends as a punk. Gimme a break. As for the clichés of the book, don't even let me start. At one point a man tells Eragon, "May your swords stay sharp." Umm ok... that's kind of the point of a sword. But thank you for that inspiring advice because I believe Eragon was going to bludgeon his enemies to death with the hilt of his blade. O and what a surprise! A hero saves a young woman in distress and then saves the world! AS for the writing, it wasn't completely horrible, (although it wasn't good). Paolini shows some potential and that's why he gets two stars. With some originality, Paolini could have hope. Until then I consider him a thief, a clumsy thief at that who trashes great authors' work. Tolkien is probably rolling over in his grave right now.....

- The premise of this story is very alluring. A young, seemingly, ordinary boy stumbles upon a beautiful stone that turns out to be his destiny. I am a big fan of fantasy and there was a lot of hype surrounding this book. The fact that the writer was a teenager when he penned it does bring a certain amount of admiration. Unfortunately, as others have been quick to point out, it borrows from other better novels of this genre. Perhaps I would be willing to overlook even that if it had not been for the blandness of the story. The reader isn't intimately introduced to Eragon. We aren't held witness to his likes and dislikes. There is just zero character development. How are we supposed to care about what happens to them if they are one dimensional and bland? This is one of the few books I just couldn't finish. I have roughly four chapters left. I knew there was a big problem when I found myself skipping ahead and just wanting to finish. It would be interesting to know if the writing improves in the later books. Sadly, I can say that I won't be finding out.