Computer Science Advisor

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Tutoring or Academic Support Services

Appropriate collaboration - How to collaborate with others effectively.

Advising - Need help picking out the right class?

Academic support - Academic support for students who need a helping hand.

Campus Resources

- **Campus Map** - A detailed map of the surrounding area, labeled with classroom numbers and a guide on how to find your next class.
- **Computer Lab** - Tutoring and Scheduling available.
- **Student Services** - List of all the available services Chemeketa Community College offers.

Tools

GitHub: GitHub is a platform used by many developers to collaborate. It runs on a system called Git, which allows users to track changes to files and the ability to make and save edits at any point in time.

Python: Python is popular and used by many programmers around the globe because of its useful website creation tools, and data analysis.

Java: Java is an advanced programming language that allows individuals to run code anywhere after being written only once. Making it easier for programmers to use.

General Discussion:

Stack Overflow: Stack is a Computer Science friendly site where your questions are often met with detailed explanations and useful advice.

Quora: Quora provides a broader range of advice related to computer science, ranging from the basics to the most advanced.

Recommendations

Books

Introduction to Algorithms by Thomas H. Cormen, et al: Provides a deeper understanding of how algorithms have evolved throughout the years.

Code: The Hidden Language of Computer Hardware and Software by Charles Petzold: Reveals how codes and switches have turned into what are now modern computer systems.

Introduction to the Theory of Computation by Michael Sipser: Breaking down the essentials of theoretical computer science which are Automata and Formal languages theory, and complexity theory

Videos

"Before you code, learn how computers work" - Low level: In-depth explanation of how computers work from the basics to the advanced machinery.

"5 MUST-SEE TIPS FOR COMPUTER SCIENCE STUDENTS"- Program with Eric: Recommended Tips by veteran programmers around the globe.

"coding is easy, actually"- easy, actually:

Breaking down the fundamentals of coding and how to advance your programming skills with ease.

Work cited:

"5 MUST-SEE TIPS FOR COMPUTER SCIENCE STUDENTS." YouTube, uploaded by Program with Erik, Mar 14, 2018 ,https://www.youtube.com/watch?v=xJcoE_wrYUE%205%20MUST-SEE%20TIPS%20FOR%20COMPUTER%20SCIENCE%20STUDENTS

"Before you code, learn how computers work."Youtube uploaded by Low level, Feb 7, 2024 https://www.youtube.com/watch?v=97i2BAUw5Xc

"Coding is easy, actually." Youtube uploaded by easy, actually Mar 15, 2024https://www.youtube.com/watch?v=qkFYqY3vr84