Chris Weaver

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Education

University of California, San Diego   Anticipated Graduation Date: June 2019
Bachelor of Science, Computer Science with a Minor in Economics   GPA 3.96 / 4.00

Skills

Languages: Java, C, C++, C#
Tools: Git, Eclipse, Vim, Android Studio, Linux
Other: Object Oriented Design, Data Structures, Algorithm Design, Agile Development
Familiar: JavaScript, Python, Node.js, SPARC Assembly Language, Firebase

Relevant Experience

Private Tutor, CS and Math   Summer, 2016
- Had to communicate concepts and ideas clearly and professionally.
- Rated a perfect five stars with over fifteen clients.

Programming Intern, Fantistics Fantasy Sports, Charlotte, NC   Summer, 2015
- Using Java, a Bash shell script, and Yahoo developer APIs, wrote a program to download all player headshots from the Yahoo database and place them in a position to be used in the application.
- Converted core classes from Visual Basic to C# as part of a move to a newer, more flexible programming language.

Projects

Tables   2017
- In Android Studio, using Java and Firebase, led a team that created an application that allowed UCSD students to meet up with other UCSD students for a meal, pairing them based on interests, classes, and personalities.

File Compressor   2016
- Using C++, implemented Huffman's algorithm to compress and decompress files efficiently.
- Designed a compressed file header that allowed for the proper construction of the tree with minimal overhead.

Six Degrees of Kevin Bacon   2016
- Using C++, implemented Dijkstra's algorithm to find the minimal sequence of movies that connect any actor to Kevin Bacon.
- Also using C++, implemented Prim's algorithm to find the first year where a given pair of actors is able to be connected through movies made before that year.

Blackjack Simulation   2015
- Using C, created an application that allowed for input of dealt cards and kept track of the current deck state. It then used this information to run simulations and keep track of expected return for each course of action, which was then used to make a recommendation to the user.

Honors

Subject Excellence, Economics, Psychology, English
Recognition from teachers given to the singular student in the graduating class showing the best grasp of the designated subjects