Allen Cheng
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US Citizen

Objective

Entry-level position in software development

Education

Bachelor of Science in Computer Engineering, University of South Florida, Tampa, FL   May 2022
Overall GPA: 3.81/4.00

Key specialized courses: Software Engineering, Cryptographic Hardware, Computer System Design, CMOS-VLSI Design, Operating Systems

Skills

Website Design
Agile Development
C/C++, Java, Python, JavaScript, HTML, CSS
Cadence Virtuoso transistor level design layout
Implementation of VHDL/Verilog design on FPGA

Key Projects

Senior Project with PhiQuest   Spring semester 2022
- Implement an interactive administrative dashboard using node.js, HTML, CSS, and bootstrap
- SQL database calls to store and retrieve information used for the administrative dashboard
- Created a private blockchain used to store information of electronic documents verified.
- Worked as a team of 3 students and 2 PhiQuest employees following an Agile development process.

Final Project for Computer System Design   Spring semester 2021
- Implemented an audio system on a FPGA
- Programmed the user interface using PicoBlaze
- Programmed the Verilog design that was implemented onto the FPGA

Semester Long Project for Software Engineering   Fall semester 2021
- As a part of a team of five students, developed an application called InCollege, that is designed as a competitor of LinkedIn for college students
- Applied Agile process flow to the project, worked as a part of the scrum team and rotated between different position weekly to lead, develop, and test the project

Experience