Joshua Lee

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Education

Bachelor of Science, Computer Science   Expected Date: June 2022
University of California, Los Angeles

Relevant Coursework

- Data Structures & Algorithms, Computer Systems, Discrete Math, Linear Algebra, Calculus I-III, Physics: Mechanics, Electricity and Magnetism, Light, Heat and Waves

Technical Skills

- Java, C++, Python, C, HTML, CSS
- Linux, Git

Experience

Software Development Intern

Ciena Corporation, San Jose, CA   May 2019 - August 2019
- Added validation of a profile's default URL as an IPv4 address utilizing regular expressions in C
- Verified third party server bug fixes by designing and running test cases
- Increased version control efficiency by improving Python touch tests that ensure product functionality

Shift Manager

Pinkberry, San Jose, CA   August 2017 - May 2019
- Oversee 3+ employees each shift while ensuring team demonstrates strong communication skills, teamwork and excellent customer service
- Manage and maintain inventory stock

Projects

Sudoku Game & Solver (C++)   August 2020
- Created an interactive Sudoku game
- Incorporated backtracking algorithm to find the solution to valid games

Data Visualizer (Java)   May 2020 - June 2020
- Utilized Google Sheets' API to access an online spreadsheet and retrieve its data
- Created a Java Swing GUI that dynamically graphs imported data and customizes color scheme

Flashcard Studying Tool (Python)   July 2019 - September 2019
- Replicated a flashcard studying tool that applies file manipulation and I/O operations
- Implemented functions to edit new and past projects and test user preparation

Activities

Stanford's health++ Hackathon   October 2019
IM Volleyball   September 2018 - November 2018
Summer Missions   China 2015 & 2016, Cambodia 2017, Mexico 2018