JOSHUA CHEUNG

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EDUCATION

UNIVERSITY OF CALIFORNIA, SANTA CRUZ   *September 2016 – June 2020*
Bachelors of Science Computer Science

WORK EXPERIENCE

SOFTWARE ENGINEER INTERN – Cisco | *Summer 2019*
- Developed and deployed an automation system that periodically detects inefficient virtual machines (VMs) and endpoints using REST API calls, and then fixes them. This system increased company testing procedure efficiency and is still being used today with Jenkins (Java)
- Created a dashboard that enables further optimization of VMs. The work involved understanding various statistics of VMs on Amazon Web Services, detecting anomalies, then parsing this info and displaying them in a user-friendly manner
- Engaged in daily scrum meetings to communicate goals and how to most effectively achieve them, and collaborated in Agile development

PROGRAMMING INSTRUCTOR - IDTech | *Summer 2018*
- Implemented new teaching curriculum with example projects for students
- Taught intermediate to advanced levels of Java, C++ and C to aspiring CS students using informative and efficient teaching techniques

CUSTOMER SERVICE RELATIONS – Stanford Graduate School of Business | *Summer 2017*
- Communicated effectively with students and prospects from different cultural backgrounds
- Evangelized various benefits of the GSB and achieved a zero rate of complaints throughout the internship

RELEVANT COURSEWORK

- Data Structures
- Analysis of Algorithms
- Algorithms and Abstract Data Types
- Data Ethics and Algorithms
- Web Applications

- Comparative Programming
- Advanced Programming C++
- Computer Architecture
- Principles of Computer Design
- Computer Graphics

PROJECTS *More at https://github.com/joshuacheung*

MULTITHREADED SERVER (C)
- Produced a multithreaded server that is able to create a user desired amount of threads and process GET or PUT requests on text files and binary files

FORUM WEBSITE (Python, HTML, Javascript)
- Created a website where the user is able to make a post and other users are able to reply to the post or create their own posts with the use of authentication, databases, and multi-use functions

TECHNICAL SKILLS

- Java, C, Python, C++, HTML, JavaScript, CSS, Mips, Perl, Linux/bash, Unix, Blender, Jenkins, AWS, Eclipse, Atom, Github, React, Pandas, Numpy, Jupyter Notebook, Git, MongoDB, Vue.js