

Dan Hoang

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San Jose, CA

EDUCATION

University of California, Davis
Master of Science in Computer Science

Davis, CA
Expected March 2022

University of California, Santa Cruz
Bachelor of Science in Computer Science - Major GPA: 3.49

Santa Cruz, CA
June 2020

Relevant Coursework: Data Structures, Analysis of Algorithms, Database Systems, Algorithms and Abstract Data Types, Computer Architecture, Computational Models, Computer Systems and Assembly Language, Comparative Programming Languages, Technical Writing, Applied Discrete Mathematics, Vector Calculus, Mathematical Methods for Engineers, Probability and Statistics for Engineers, Introduction to Software Engineering, Principles of Computer Systems Design (Operating Systems), Web Applications

SKILLS

• **Languages:** Python, SQL, Java, HTML, JavaScript, C

Technologies: LaTeX, Microsoft Suite, Unix, Git

EXPERIENCE

Western Digital Corporation
Systems Design Engineering Intern

Milpitas, CA
June 2018 - Sept. 2018

- : Created ULINK Drive Master's Power States Stress Test scripts for WDC NVMe devices to ensure NVMe specification compliance
- : Gained experience in computer systems and NVMe devices

UCSC CSE Department
Course Reader

Santa Cruz, CA
March 2020 - June 2020

- : Graded weekly homework assignments for the CSE103: Computational Models course taught by Professor Daniel Fremont

PROJECTS

Collect
April 2019

- : Created a text based game in Java where the user traverses through multiple cities on an island with anonymous highways to collect as many points as possible
- : Used the breadth first search algorithm to determine connectivity of the cities as well as the shortest distance to each of the items

freeBay
December 2019

- : Created a mobile app using Android Studio where users can post their unwanted items to give away
- : Worked on a team of 6 using SCRUM methodology

Personal Website
September 2020

- : Created a personal website to display my professional background using HTML and CSS

EXTRACURRICULAR ACTIVITIES

UCSC Intramural Basketball
Team Captain

Sept. 2017 - March 2020

- : Developed and strengthened strong camaraderie amongst teammates
- : Facilitated an improvement in team record from a losing record to an undefeated record
- : Created and maintained the necessary elements that resulted in the winning of a championship title