

Daniel H. Lee

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EDUCATION

University of California, Santa Cruz
Bachelor of Science in Computer Science

Graduated June 2017
Santa Cruz, California

Skills Summary

- Proficient in Java, JavaScript, and Windows OS; Experience with HTML, CSS, C++, PostgreSQL, Web2py, Python, Selenium; Worked with Eclipse, PyCharm, Oracle VM VirtualBox
- Great at pointers, memory, arrays, linked lists and debugging
- Good communication skills: Fluent in English and Understand Korean
- Proficient at problem solving, great team player, excellent communication skills, punctual
- Knowledge in dynamic programming and algorithms such as divide-and-conquer and Greedy's

Project Experience

- Business Search Program CMPS 12B/M
 - Wrote a program that searches for a business from a text file that contains a list of businesses
 - The text file is read and the businesses are sorted alphabetically
 - Wrote code for a merge sort algorithm and binary search algorithm that is implemented
 - The merge sort and binary search methods utilizes recursion and loops
- Free and For Sale Website CMPS 183
 - Worked on creating a website like Craigslist using HTML, CSS, Python, and JavaScript
 - Designed website layout and user interface using CSS
 - Added functionality to allow users to search up other users by username, add and edit posts to the postings page, and view postings
 - Linked all pages to a home page and set up functionality of buttons on pages using Python

Technical Background

Technical Courses Completed at UCSC

September 2013 – June 2017

- | | |
|---|---|
| ➤ CMPE12/L: Computer Systems and | ➤ CMPS 102: Analysis of Algorithms |
| CMPE 16: Discrete Math | ➤ CMPS 104a: Fundamentals of Compiler Design |
| ➤ CMPE 107: Probability and Statistics for | ➤ CMPS 109: Advanced Programming |
| Engineers | ➤ CMPS 111: Introduction to Operating Systems |
| ➤ CMPE 110: Computer Architecture | ➤ CMPS 115: Introduction to Software |
| ➤ CMPS 12A/L: Introduction to Programming | Engineering |
| ➤ CMPS 12B/M: Introduction to Data Structures | ➤ CMPS 130: Computational Models |
| ➤ CMPS 101: Algorithms and Abstract Data | ➤ CMPS 180: Database Systems 1 |
| Types | ➤ CMPS 183: Web Applications |

Extracurriculars

Psi Chi Omega Fraternity

June 2014- June 2017

Positions held: Treasurer, Pledge Dad, Sentinel, and National Board Representative

- Budgeted successfully for each quarter and rush
- Applied cost-effective strategies and cost cutting measures which led to surpluses
- Organized members into a team and planned transportation for volunteer work with external organizations at local philanthropy events including Out of the Darkness Walks and Jingle Bell Rock 5k
- Represented my chapter at biweekly National Board meetings to determine its powers, responsibilities and future of the organization
- Mentored new members and delegated responsibilities promoting a collaborative environment

Work Experience

Kumon

July 2013 - September 2016

- Efficiently graded math papers
- Trained new workers
- Taught math ranging from basic addition and subtraction to precalculus to students