

LeDaniel Leung

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Summary

I am a third-year undergraduate at UC San Diego studying Mathematics, Computer Science, and Cognitive Science with a focus in Human Computer Interaction. I am currently a Systems Engineer Intern at Northrop Grumman, and am looking to grow my skills as a software developer. My passion is to create software designed to improve the human experience with technology.

Education

BACHELOR OF SCIENCE | UNIVERSITY OF CALIFORNIA SAN DIEGO: `EXPECTED TO GRADUATE JUNE 2019

- Major: Computer Science & Mathematics (joint major)
 - Minor: Cognitive Science
 - GPA: 3.535
 - Completed CSE Courses: 7, 8B, 12, 15L, 20, 21, 30, 100, 101, 105, 110
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Technical Skills

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|------------------------|-----------------------|
| • Proficient in Java | • Proficient in C/C++ |
| • Proficient in Python | • Firebase |
| • HTML/CSS | • GitHub |
| • AngularJS | • Eclipse |
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Experience

NORTHROP GRUMMAN – TECHNICAL SYSTEMS ENGINEER INTERN

- Worked with Systems Engineers on JCREW, and helped test engineers perform data analytics to diagnose failures.
- Automated test data visualization by creating a graphical user interface using Python that reads Excel sheets and displays Pareto graphs based on the user's input.

SDCCA – NORTH COUNTY CHINESE SCHOOL TEXTBOOK DATABASE

- Independently spearheaded design of data collection tool to efficiently analyze documentations and database information.
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- The application utilizes a graphical user interface, with which the user creates or chooses a file (that follows a specific set of parameters). The program then allows the user to add new members to the database, or update existing members by adding more textbooks to their purchase history. The user is also able to display members of the database with their purchases by inputting data into the application to extract the member (assuming they exist).
- Future goal: to implement a function that allows the user to analyze the data to see patterns or trends in history, which will allow the school to more easily determine which books have a higher demand.

MENTOR | THOUGHTSTEM | 08/2015 – 08/2016

- Collaborated with internal staff and team members to teach 20+ 1st to 8th grade students basic software and hardware programming skills.