

Eric Lin

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EDUCATION

University of California San Diego | Jacob's School of Engineering

Major: B.S. Computer Science | Minor: Business

Graduation: June 2018 | GPA: 3.2

WORK EXPERIENCE

Space Micro II | *Software Engineer Intern*

June 2017 – August 2017

- Designed, implemented and tested a test and evaluation environment in support of an orbital, high data rate optical communication transceiver set in space
- In charge of coding up and testing API's in support of previously mentioned communication transceiver as well as documenting the entire process

Space Micro I | *Software Engineer Intern*

October 2016 – April 2017

- Designed and implemented file management program in order to solve company problem of mismanaged documents; applied company-wide by IT to over 100 computers and 3 million files total
- Wrote tests contributing to quality assurance of CubeSat space processor including memory corruption test to ensure processor's continued functionality after exposure to high levels of radiation

UCSD CSE Department | *Tutor*

August 2016 – December 2016

- Tutored hundreds of students by holding office hours through elucidating important fundamental concepts, helping to lead them through challenging programming assignments
 - Led and answered online discussions and was responsible for grading both assignments and exams
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PROJECTS

Financr | *JavaScript / HTML-CSS / Firebase / Electron*

June 2017 – August 2017

Available at ejlin.github.io

- Desktop application that allows users to record financial assets and liabilities, query current stock prices, calculate future potential earnings, and more in order to facilitate better financial management for users
- Used multiple API's to pull real time property worth (Zillow), publish current stock prices (Alpha Advantage), etc.

AptOrganizer | *JavaScript / HTML-CSS / Firebase*

September 2017

www.apptorganizer.com

- Completely self created a web application that allows users to create rooms to share with apartment-mates in order to log what items to bring along with who is bringing them
 - Designed and implemented storing to and querying from online database; unique shareable Room ID's; unique user identifiers
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SKILLS & TOOLS

Languages: HTML, CSS, JavaScript, SQL, C, C++, Python, Java

Tools & Miscellaneous: Version Control, BASH, Agile Development, Scrum, TDD, OOP, Jira, Vim

INTERESTS

Playing the piano, Learning the violin, Playing tennis, Rock climbing, Exploring new cities, Singing