

# Eric Lin

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## EDUCATION

University of California, San Diego

B.S. Computer Science | Minor: Business

October 2014 - June 2018 | GPA: 3.2

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## WORK EXPERIENCE

UCSD CSE Department

*Lead Tutor*

January – June 2018

- Tutored hundreds of CS students, focusing on algorithms, data structures, and programming assignments
- Led discussion sessions, created slides, planned lectures, and graded assignments and exams

Space Micro

*Software Engineer Intern*

June – August 2017

- Developed a test and evaluation environment for an orbital, high data rate optical communication transceiver set in space, saving engineers approximately 5 hours/week
- Wrote communication transceiver APIs and documentation

Space Micro

*Software Engineer Intern*

October 2016 – April 2017

- Built a file management program script applied company-wide to over 100 computers and 3 million files
  - Wrote integrity tests for space processors, including a memory corruption test to ensure processor's continued functionality and integrity after exposure to high levels of radiation
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## PROJECTS

Financer

Available at [ejlin.github.io](#)

June – August 2017

*JavaScript, HTML-CSS, Firebase, Electron*

- Created desktop application for users to record financial assets and liabilities, query hundreds of current stock prices, calculate future potential earnings, and more in order to facilitate better financial management
- Utilized multiple APIs to pull real-time property values (Zillow), current stock prices (Alpha Advantage), etc.

AptOrganizer

[www.apptorganizer.com](#)

August 2017

*JavaScript, HTML-CSS, Firebase*

- Designed and programmed web application for users to create virtual shared rooms to delegate apartment responsibilities between roommates
- Implemented concurrent modifications between multiple users, unique room sharing, browser cookies, etc.

FoodMi

In progress

August 2018 – Present

*Swift, Firebase*

- iOS app that recommends hundreds of restaurants based on users' past restaurant visits and ratings
  - Next steps: implementing smart recommendation system, filtering preferences, social feed for followers
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## SKILLS & TOOLS

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

Tools & Miscellaneous: Xcode, Version Control, Flask, TDD, OOP, Jira, Vim, BASH

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## INTERESTS

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