Eric Lin

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**EDUCATION** B.S. Computer Science | Minor: Business

University of California, San Diego October 2014 - June 2018 | GPA: 3.2

**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, andgraded 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

**PROJECTS**

**Financr**

**June – August 2017**

Available at <ejlin.github.io>

*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 Avantage), etc.

**AptOrganizer August 2017**

[www.aptorganizer.com](http://www.aptorganizer.com/) *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 August 2018 – Present**In progress *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

**SKILLS & TOOLS**

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

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

**INTERESTS**

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