

## EXPERIENCE

### Lytx, San Diego, United States

Full Stack Developer Intern

Angular, C#, Microsoft SQL Server

Jun 2019 - Aug 2019 (Expected)

- Developed a web app to manage a fleet of cars, which protects drivers from accidents by preventing 83% of near collision and increases fleet operation efficiency
- Engineered new fleet search feature, allowing users to search for a vehicle by location and time
- Frameworks and Languages: Angular, C#, Microsoft SQL Server

### Administrative Examination and Approval Center, Jiangyin, China

Software Development Engineer

Linux, Mysql, PHP

Jun 2018 - Jan 2019

- Designed and implemented an administrative web app to manage construction projects in my hometown
- Implemented role management within the web app to allow for admin, user, and third party roles to submit, manage, and examine construction projects online, increasing their efficiency by +50%
- Frameworks and Languages: Linux, Mysql, PHP

### Beijing Genomics Institute, Shenzhen, China

Intern | Office of the Chairman, Research Department

Python, Java, Google Cloud Platform

Jul 2018 - Jul 2018

- Implemented Java programs to simulate genetic inheritance and did relational analysis on disease and gene data with Google Cloud Platform
- Coordinated tech workshops for coworkers to share and learn the cutting-edge technologies
- Python, Java, Google Cloud Platform

## EDUCATION

### University of California San Diego — Computer Science, B.S.

Sep 2016 - Dec 2019

- Major GPA 3.95/4.0
- Cum Laude Honor, staff at IEEE Technical Branch

## PROJECTS

### Baebot | [Demo](#) | [GitHub](#)

Algorithm Specialist

Java • Android Studio • Firebase (NoSQL DB)

Sep 2018 - Dec 2018

- Implemented an Android calendar App especially for kids, with voice feature enabled and cute UI
- Devised an algorithm that reschedules unfinished tasks based on future tasks with a single click

### Chinese Students and Scholars Association, Web Team Leader

Webteam Leader

NodeJS • MongoDB • Linux

Sep 2016 - Mar 2019

- Managed 10 developers to build websites and provide technical support for the whole association
- Built, deployed, and maintained a website that allows UCSD students to search for & sublease apartments

### Movie Recommender System using RNN | [GitHub](#)

Algorithm Specialist

Python • PyTorch • Recurrent Neural Network • Pandas • Numpy

Sep 2018 - Dec 2018

- Implemented a movie recommender system that achieved 70+% accuracy using RNN and auto-decoder
- Investigated different regularization methods to improve the model

## Skills and Courses

Languages/Frameworks Python, Java, PHP, Angular, C#, Javascript, Unix/Linux, MySQL, Firebase, Docker

AI/Machine Learning Neural Network (including CNN/RNN), SVM, Deep Learning, NLP