Yujian Mi

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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