Deming **Lin**

SOFTWARE ENGINEER · COMPUTER SCIENCE MAJOR

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Experience

Software Engineer Intern
San Francisco Bay Area, U.S

EDISON SOFTWARE INC. (ELECTRON, REACT/REDUX/RXJS, NODE/EXPRESS, MYSQL/SEQUELIZE)
Jan. 2020 - Dec. 2020

- Led Edison Mail's calendar plugin project out of development hell
- Implemented two way data parsing to support for CALDAV calendar protocol
- Implemented advanced events operations locally and on Caldav servers asynchronously with RxJS and Sequelize
- Implemented frontend UI of the calendar with React
- Implemented various UI features for Edison Mail macOS client

Interim Lead Developer
Singapore

NODEFLAIR (REACT, RUBY ON RAILS, POSTGRESQL, AWS)
Aug. 2019 - Jan 2020

- Led a team of 3 engineers to revamp the users' onboarding process and increased user sign ups by 100%
- Involved in decision making together with the Co-founders and Product Designer
- Managed and enforce engineering team workflow
- Maintained the AWS ElasticBeanstalk server hosting NodeFlair web application

Backend Engineer
Singapore

NODEFLAIR (RUBY ON RAILS, POSTGRESQL)
May. 2019 - Aug 2019

- Revamped the company dashboard and chat system leading to 100% increase in offer rate
- Designed the Architecture implemented all backend API end points of the company dashboard with Ruby on Rails
- Designed the database schema and wrote all queries for the new chat system with PostgreSQL

Web Development Instructor
Singapore

NATIONAL UNIVERSITY OF SINGAPORE (REACT, NODE/EXPRESS, GIT)
May. 2019 - July. 2019

- Served as instructor for NUS Orbital's full stack web development workshop
- Taught students how to work with and debug issues in React, Node/Express and Git

Other Experiences

Mobile Developer (Freelance)
Singapore

TRAZ (FLUTTER, NODE/EXPRESS, MONGODB)
Jan. 2021 - PRESENT

- Developing Android/iOS MVP app and backend webserver for an upcoming startup using Flutter and Nodejs

Frontend Developer (Freelance)
Singapore

VIDE (NEXTJS/TYPESCRIPT)
Dec. 2020 - Jan. 2021

- Implemented frontend dashboard and forms for upcoming beta launch using Nextjs
- Wrote basic UI test cases using Jest and React Testing Library

Web Engineer (Freelance)
Singapore

MIIOSTORE COSTUMES (GOOGLE CLOUD PLATFORM)
May. 2019 - Jun. 2019

- Carried out a full migration of Miiostore's shop from Hostgator to Google Cloud Platform

Tools and Technologies

Technologies JavaScript/TypeScript · React/Redux · Node/Express · Python · PostgreSQL/MySQL/MongoDB
Tools Git/GitHub · AWS · Google Cloud Platform · TravisCI

Education

National University of Singapore
Singapore

BACHELOR OF COMPUTING IN COMPUTER SCIENCE
July. 2017 - Exp. May. 2021

- Software Engineering Focus Area - Merit
- NUS Overseas College - Silicon Valley