Deming **Lin**

SOFTWARE ENGINEER · COMPUTER SCIENCE MAJOR

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Exp**erience**

Software Engineer Intern
EDISON SOFTWARE INC.

San Francisco Bay Area, U.S
Jan. 2020 - PRESENT

- Tech Stack: Electron.js, React/Redux/Rx.js, Sequelize/MySQL
- Co-leading the Edison Calendar project to move it from proof-of-concept to production
- Implemented two way data parsing to support for CALDAV calendar protocol
- Implemented backend logic for asynchronous CRUD operations using redux epic middleware
- Implemented Front-end UI of the calendar
- Collaborated with both the Silicon Valley and Beijing team to integrate the calendar as a Edison Mail plugin

Frontend Engineer Intern
EDISON SOFTWARE INC.

Beijing, China
Jun. 2020 - PRESENT

- Participate in engineering work for Edison Mail Desktop under the MacOS Team
- Implemented UI related features for the Electron MacOS mail client
- Communicated with the Beijing engineering team using Chinese

Lead Developer
NODEFLAIR

Singapore
Aug. 2019 - Jan 2020

- Led a small development team (2-4 engineers/interns) to revamp the platform's onboarding process
- Took part in decision making together with the Co-founders and Product Designer
- Manage and enforce engineering team workflow
- Maintains the AWS ElasticBeanstalk server hosting NodeFlair web application

Software Engineer
NODEFLAIR

Singapore
May. 2019 - Aug 2019

- Tech Stack: HTML/CSS, Javascript, React, Ruby on Rails, PostgreSQL, AWS ElasticBeanstalk, AWS RDS
- Revamped the company dashboard and chat system leading to 100% increase in offer rate
- Implemented all back end API end points
- Wrote SQL queries to allow server to retrieve data from Postgres database
- Wrote part of frontend logic and improved on styling

NUS Orbital Web Development Instructor
NATIONAL UNIVERSITY OF SINGAPORE

Singapore
May. 2019 - July. 2019

- Tech Stack: HTML/CSS, React, Nodejs/Express.js, SQL, Git, Github
- Helped Debug issues faced by students
- Helped students to better understand concepts in web development
- Provided tips to students on web development

Pro**jects**

CarouShare: Node/handlebars web application that featuring a stuff sharing platform
Highway: Unity/C# 3D endless runner game summer project
ModsUni: Java command-line interface application to help students generate academic curriculum

Tec**hnologies**

Programming Java · NodeJS · PostgreSQL · MySQL · MongoDB
Web Development HTML/CSS/JavaScript · Express · React/Redux
DevOps Git/GitHub · AWS · Google Cloud Platform · TravisCI

Edu**cation**

National University of Singapore
BACHELOR OF COMPUTING (HONOURS) IN COMPUTER SCIENCE

Singapore
July. 2017 - Exp. May. 2021

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