

Deming Lin

SOFTWARE ENGINEER · COMPUTER SCIENCE MAJOR

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Work Experience

Mobile Developer (Freelance)

TRAZ (FLUTTER, NODE/EXPRESS, MONGODB)

Singapore

Feb. 2021 - Esp Apr. 2021

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

Software Developer (Freelance)

VIDE (NEXTJS/TYPESCRIPT)

Singapore

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

Software Engineer Intern

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

San Francisco Bay Area, U.S

Jan. 2020 - Dec. 2020

- Led Edison Mail's calendar plugin project out of development hell
- Implemented various UI features for Edison Mail macOS client
- Implemented calendar sync with iCloud and Google Calendar
- Implemented basic and recurrence events CRUD with RxJS and Sequelize
- Implemented frontend UI of calendar plugin with React

Interim Lead Developer

NODEFLAIR (REACT, RUBY ON RAILS, POSTGRESQL, AWS)

Singapore

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

Software Engineer

NODEFLAIR (RUBY ON RAILS, POSTGRESQL)

Singapore

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

Software Projects

CarouShare

TEAM LEADER (HANDLEBARS.JS, NODE/EXPRESS, POSTGRESQL)

Singapore

Feb. 2019 - Apr. 2019

- Implemented backend API using Express.js and database queries
- Implemented frontend UI interaction of the web app using handlebars.js

Highway

SOLE DEVELOPER (UNITY3D/C#)

Singapore

May. 2018 - Aug. 2018

- Made a 3D endless runner game featuring a leaderboard where players can compare their scores globally
- Players can choose from different avatars and different levels with unique challenges

Tools and Technologies

Programming	JavaScript · Python · Java · PostgreSQL · MySQL · MongoDB
Web Development	HTML/CSS · React/Redux · Node/Express
Cross Platform	Flutter · Electron.js · React Native · Unity3D
DevOps	Git/GitHub · AWS · Google Cloud Platform

Education

National University of Singapore

BACHELOR OF COMPUTING IN COMPUTER SCIENCE

Singapore

July. 2017 - Exp. May. 2021

- NUS Overseas College - Silicon Valley