

# Deming Lin

SOFTWARE ENGINEER · COMPUTER SCIENCE MAJOR

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## Experience

### Vide

#### Freelance Software Engineer

Singapore

Dec. 2020 - Jan. 2021

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

#### Edison Software Inc.

San Francisco Bay Area, U.S

##### Software Engineer Intern - Edison Calendar

Jul. 2020 - Dec. 2020

- Led development of calendar app requested by 30% of user feedback
- Built support for sync with users' personal calendar provider using Caldav and Google Calendar API
- Improved responsiveness (>1sec) by setting up local/external/sync operations to run asynchronously using Redux Observables
- Designed and built UI and backend logic for the calendar with React

##### Software Engineer Intern - Edison Mail

Jan. 2020 - Dec. 2020

- Developed features for Edison Mail macOS app used by 1.5 million users worldwide
- Implemented email account colors support for better email viewing experience
- Integrated Edison Calendar app into Edison Mail as a plugin to serve users' productivity needs better
- Redesigned and built in-app translation with i18n library to abstract codebase out for translators
- Enhanced composer related features (fonts, popups, etc) for greater capabilities and convenience during email crafting

### NodeFlair

#### Software Engineer

Singapore

Aug. 2019 - Jan 2020

- Led a team of 3 interns to revamp the users' onboarding process and increased user sign ups by 100%
- Developed a large part of the new onboarding form with React and Ruby on Rails
- Created and managed engineering team workflow
- Maintained the rest of the web app's codebase and the AWS server hosting it

##### Software Engineer Intern

May. 2019 - Aug 2019

- Revamped the company dashboard and chat system leading to 100% increase in offer rate
- Designed and implemented backend APIs and websockets with Ruby on Rails
- Designed the database schema and wrote queries with PostgreSQL

#### National University of Singapore

Singapore

##### Software Development Instructor

May. 2019 - July. 2019

- Mentored freshmen participating in Orbital(CS2106) on web technologies and version control

## Projects

**Traz:** Made a athletes management mobile app as MVP for validation with Flutter

**CarouShare:** Made a stuff sharing platform web application with Nodejs and handlebarsjs

**Highway:** Made a 3D endless runner game consisting of 3 maps and a online leaderboard with Unity/C#

## Technologies

**Programming** JavaScript · Python · PostgreSQL · MySQL · MongoDB

**Web Development** HTML/CSS · React/Redux · Node/Express

**DevOps** Git/GitHub · AWS · Google Cloud Platform

## 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