Deming **Lin**

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Experience

Software Engineer

GovTech | Singapore

I worked on the Trusted Centre for Sensor Data's frontend platform

June 2021 - PRESENT

- Built geospatial and time-series visualisation feature for consumption data using MapboxGL, TileServerGL and React/Redux
- Built the frontend for Team Access Requests and Recurrent Concierge Requests features using React/Redux
- Wrote frontend integration and end-to-end tests using Cypress
- Introduced parallelisation to frontend test suite using Cypress director service reducing run time by 100%
- Planned and executed migration of UI library from Mui v4 to v5
- Shared on various software engineering related topics during division level engineering sharing

Software Engineer Intern

Edison Inc. | San Francisco Bay Area

I worked on UI features for Edison Mail macOS(Electron) app used by 1.5 million users worldwide

January 2020 - December 2020

- Implemented email account colors support for better email viewing experience
- 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

I led the development for a new calendar app that was highly requested from user feedback (30%)

- 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
- Integrated Edison Calendar app into Edison Mail as a plugin to serve users' productivity needs better

Software Engineer Intern

NodeFlair | Singapore

I worked on features allowing companies to manage and bridge communication with tech talents

May 2019 - January 2020

- Implemented backend APIs for the new talent management page using Ruby on Rails and PostgreSQL
- Enabled real-time in-app chat between companies and tech talents using Rails Action Cable
- Built a new onboarding form and increased user sign ups by 100% using React
- Maintained various AWS services powering NodeFlair's operations
- Introduced Agile/Scrum based workflow to the engineering team

Skills

Languages/Frameworks	TypeScript/JavaScript · React/Redux · Node/Express · PostgreSQL/Sequelize
Technologies	Git/GitHub · Docker · Microsoft Azure

Education

National University of Singapore

B.Comp. Computer Science, Class of 2021