

GIAVINH LAM

BACHELOR OF ENGINEERING, CENG:C (2015-2020)

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WORK EXPERIENCE

SOFTWARE DEVELOPER

APR 2019 – DEC 2019

NCR Corporation

- Implemented new features in NCR's Passport working with Java, XML/XSD, Maven, JUnit, and SQL (SSMS)
- Worked on a mobile project using Angular 2, Cordova, and Jasmine
- Developed the frontend of a new project using ReactJS, MaterialUI, React Testing Library and Jest
- Participated in the NCR Global Hackathon and worked on a modern upgrade and redesign of a major NCR product using ReactJS, MaterialUI, and Node.js

SOFTWARE DEVELOPER

MAY 2018 – AUG

2018

GroupBy Inc.

- Test-driven development in an agile environment
- Front-end web development using HTML, SCSS, JavaScript, and Riot.js
- Task automation (ex. automating JSON data) via Java web-scraping and scripting

JAVA LEARNING ASSISTANT

JAN 2018 – APRIL 2018

Sheridan College

- Taught and provided academic support to students in subjects such as Java, C, and web development
- Organized and lead collaborative study sessions (tutorials and exam review)
- Adapted and learned new material quickly in order to teach and guide students

SUMMARY OF SKILLS

Frontend: HTML, CSS (SCSS), JavaScript (ES6), React.js, Redux, TypeScript, React Native, UI libraries (Material-UI, Ant Design)

Backend: Java, C, Node.js, Python, SQL, MySQL, NoSQL (MongoDB)

Version Control: Git, GitHub, Bitbucket, Apache SVN

EDUCATION

University of Guelph, Guelph, ON

Bachelor of Engineering, Computer Engineering (3.5 GPA)

PROJECTS

Please visit my [GitHub](#) for more projects.

Plop (Team project management tool)

github.com/GV79/Plop | <https://plop.team>

- Written using React.js and Adonis.js (Node.js MVC framework)
- Styling with Ant Design and styled-components
- User data stored in PostgreSQL database and images saved via Cloudinary API
- Jest and React Testing Library for testing
- Traffic monitored using Google Analytics

GymTrack (Fitness tracker platform)

- Authentication with Google Firebase
- Frontend (github.com/GV79/GymTrack) written with React.js (w/ TypeScript), Redux Toolkit, React Bootstrap (reactstrap), and SASS (BEM methodology)
- Backend (github.com/GV79/GymTrackAPI) written using Node.js (Express) and TypeScript
- Interfaces with a NoSQL database (MongoDB) hosted in the cloud
- Published an open-source NPM package (React.js and TypeScript component) (github.com/GV79/react-body-highlighter)

CodeConnect (Developer networking)

private repository

- React Native mobile app styled with React Native Paper and tested using Expo
- React.js web app with TypeScript, Redux Toolkit, Material-UI, and styled-components
- Django REST API dockerized with automated CI pipeline (TravisCI)

iCalendar (.ics parser)

<https://github.com/GV79/calendarPlus-SQL>

- Parsing and extracting info from .ics file
- Python 3 (TkInter) for frontend and interfacing with MySQL
- Core logic implemented with C on Linux