

GIAVINH LAM

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

glam01@uoguelph.ca | <https://giavinhlam.me> | 226-203-0239

SUMMARY OF SKILLS

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

Backend: Node.js (Express, AdonisJs), Java, Objection.js (ORM), Python, C, SQL, MySQL, PostgreSQL, NoSQL (MongoDB)

Version Control: Git, GitHub, Bitbucket, Apache SVN

WORK EXPERIENCE

SOFTWARE ENGINEER OCT 2020 – PRESENT
Advisor

SOFTWARE DEVELOPER APR 2019 – DEC 2019
NCR Corporation

- Implemented new features and fixed bugs in NCR's Passport using Java, XML/XSD, Maven, JUnit, and SQL (SSMS)
- Worked on a mobile project using Angular 2, Cordova, and Jasmine to develop the flow for fingerprint authentication
- 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 (creating ecommerce website demos for the pre-sales team)
- Task automation (ex. automating JSON data) via Java web-scraping (HtmlUnit & jsoup) 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

PROJECTS

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

Plop (Team project management tool)
github.com/GV79/Plop | <https://plop.team>

- Written using React.js for the frontend and Adonis.js (Node.js MVC framework) for the REST API
- 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)

EDUCATION

University of Guelph, Guelph, ON

Bachelor of Engineering, Computer Engineering
(3.5 GPA)