

Derek Diep

(647) 740-7637 | derekdiep42@gmail.com | www.github.com/derekdiep42 | www.linkedin.com/in/derek-diep

CORE SKILLS

- **Languages:** JavaScript, TypeScript, HTML/CSS, SQL, GraphQL, Java, Python, C, C++
- **Tools/Technologies:** Vue.js, Angular, React, React Native, Django, Spring Boot, PostgreSQL, REST APIs, Node.js, Docker, Git, Linux, Jest, Selenium, VS Code, Xcode, Android Studio, Postman
- **Other:** Scrum/Agile, Object-oriented Programming, Jira, Bitbucket, Confluence, Notion, GitHub, GitLab

EXPERIENCE

Software Engineer Intern Sept 2023 – Dec 2023
Nuvalence Troy, NY

- Developed and implemented reusable **Angular** components with **TypeScript** for the Solutions Accelerators platform, enhancing digital transformation and AI initiatives for the **public sector**.
- Contributed to the development of secure and versatile transaction management screens using **HTML/CSS**.

Software Engineer Intern May 2023 – Aug 2023
ResQ Toronto, ON

- Enhanced client communication by developing emailing and texting features in the web application with **TypeScript** and **React**, benefiting thousands of restaurants and service providers.
- Utilized **React Native** and **HTML/CSS** to develop innovative screens for our Android and iOS applications.

Software Engineer Intern Sept 2022 – Dec 2022
Super Toronto, ON

- Improved UI and workflow experience for credit/debit **financial technologies** using **TypeScript** and **React**.
- Worked with business teams on **Google Analytics** and **Persona** identity verification to boost user retention.
- Optimized and created new **unit tests** using **Jest** to increase code coverage to over **85%** of the codebase.

Software Engineer Intern Jan 2022 – Apr 2022
Lumafield Boston, MA

- Worked with revolutionary **CT scanning technologies** used by **hundreds** of clients and employees.
- Designed and developed **web** and **electron** applications using **JavaScript**, **React** and **HTML/CSS** for the software used to control and manage the CT scanners.

Full Stack Developer Intern May 2021 – Aug 2021
SS&C Technologies Toronto, ON

- Implemented core features using **Angular** and **Spring Boot** for the SS&C datastore admin web application.
- Created **Python** Scripts with **openpyxl** to filter through **hundreds** of user information and call log data.

Full Stack Developer May 2020 – Sept 2021
ARTERNAL Toronto, ON

- Utilized **TypeScript**, **Vue.js**, and **HTML/CSS** to implement full stack features for the web application used to manage inventories, revenues, and relationships for over **300** art galleries.
- Produced **Python** scripts along with **Selenium** to scrape and import data from competitor companies.

PROJECTS

MiNDFUL – Mental Health Diagnostic/Support App Jan 2020

- Developed an Android app for mental illness diagnosis with text messaging, using Android Studio and Java.

Coin Collector – Android Studio Phone App Dec 2019 - Jan 2020

- Coded a coin collector game to refine skills on **object-oriented programming** and **Android development**.

EDUCATION

UNIVERSITY OF WATERLOO, Waterloo, ON

Honours Bachelor of Computer Science Co-op (BCS)

Sept 2019 - Apr 2024