

# Derek Diep

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## CORE SKILLS

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- **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, Docker, Git, Linux, Jest, Selenium, VS Code, Xcode, Android Studio, Postman
- **Other:** Scrum/Agile, Object-oriented Programming, Jira, Bitbucket, Confluence, Notion, GitHub, GitLab

## EXPERIENCE

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### Frontend 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 initiatives for the **public sector**.
- Collaborated in the development of secure and versatile transaction management screens using **HTML/CSS**.

### Frontend 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.

### Frontend Software Engineer Intern

Sept 2022 – Dec 2022

#### Super

Toronto, ON

- Improved the UI and workflow experience for credit/debit **financial technologies** using **TypeScript** and **React**.
- Collaborated 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.

### Frontend 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

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### MiNDFUL – Mental Health Diagnostic/Support App

Jan 2020

- Developed an Android app for mental illness diagnosis with in-app 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

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### UNIVERSITY OF WATERLOO, Waterloo, ON

Candidate for Honours Bachelor of Computer Science Co-op (BCS)

Sept 2019 - Apr 2024 (Expected)