Sean Nguyen

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Languages: Python 4 years, Java 5 years, SQL 3 years, HTML/CSS 3 years, JavaScript 3 years, C 1 year.

Frameworks and Other mentions: jQuery, React, Express, Spring Boot, MySQL, Oracle SQL, Maven.

Work Experience

Software Developer
Ministry of Government and Consumer Services | January 2019 – May 2019

- Developed REST APIs on Java, Oracle SQL, and Spring Boot for the Ontario's self-serve registration system to manage public organizations' information and funding.
- Wrote Scripts to extract information from PDF and Excel Files to populate database.
- Participated in a major overhaul of the Ontario transfer payment system UX/UI.
- Entrusted to be the sole back-end developer of the team in charge of the project.

Programmer
Scarborough and Rouge Hospital | May 2018 – September 2018

- Re-design website layout and implemented new functionalities to improve user's experience using HTML/CSS, jQuery and PHP.
- Eliminated the need for developer to create customized or copy tables and charts by creating dynamic builder with a variety of options. Improving code quality and saving the developer's time per implementation.
- Worked with SurveyGizmo API to create an application to collect and process Physician's credentials for re-evaluation. The conversion from paper to electronic process save the HR department weeks' worth of paper work every year.

University of Toronto

Candidate, Hons. Bachelor of Science, 4th year
Computer Science Specialist (Co-op) – Software Engineering Stream

Projects

Fishmarket
- A web application that connect job applicants with business owners and companies, whom are seeking new hire. Auto matching based on job description and skills.
- Technologies used: TypeScript React, Gatsby, MongoDB, GraphQL, Node.js

Crypto Trading Bot
- A terminal bot for trading cryptocurrency pairs on the Binance exchange platform.
- Technologies used: Python, Binance's API.

Data management App
- An application to manage and upload excel files built for Toronto East Quadrant Local Immigration to use with their partner organizations.
- Technologies used: Java, MySQL, Java Swing.