Devin Zhou

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Education

University of Waterloo   Expected Dec 2023

Bachelor of Computer Science, Honours, Business Specialization (GPA: 3.7)   *Waterloo, ON*

- Relevant Courses: Data Structures and Algorithms, Distributed Systems, Operating Systems, Database Management

Work Experience

Wonolo | Backend Developer Intern   May 2023 – Present

- Backend Platform Team (Ruby on Rails)

OANDA | Software Engineer Intern   Sep 2022 – Dec 2022

Python, React, TypeScript, Cypress   *New York, NY*

- Streamlined the registration process on the account Activation team using React, TypeScript, and Python to achieve a 25% increase in completed user applications
- Deprecated legacy backend services and replaced them with a new User API service in Python, resulting in a 20% improvement in API response times
- Orchestrated end-to-end testing across six different global regions using Cypress, leading to an 80% reduction in time for testing on GoCD pipelines through mocking backend calls

View the Space (VTS) | Software Engineer Intern   May 2022 – Aug 2022

React, TypeScript, PostgreSQL, Go, GraphQL, Jest   *New York, NY*

- Developed a commercial real estate application platform utilizing tools such as React/React Native, TypeScript, and PostgreSQL in order to increase scalability and add functionality
- Implemented user, credential, and permission management backend leveraging microservices to support real-time building access control with third-party integrations using Go and GraphQL
- Achieved test coverage above 80% for newly implemented features to harden the codebase by writing End-to-End and Unit tests using React Testing Library, Jest, and Go Testing Frameworks

Genesys | Software Developer Intern   Sep 2021 – Dec 2021

VueJS, TypeScript, StencilJS, StorybookJS, Jenkins   *Daly City, CA*

- Developed various web applications in an agile development environment for the Gamification UI team using VueJS, TypeScript, and HTML/LESS to optimize user productivity by 35%
- Pioneered a reusable and interactive Gamification component library using StencilJS and StorybookJS to decrease development time by 20% and allow for scalability in future projects
- Created a webhook that synchronizes Jenkins build notifications with a Genesys chatroom, improving accessibility to build status information

Communitech | Web Developer   Jan 2021 – Apr 2021

JavaScript, HTML/CSS, CMS platforms   *Waterloo, ON*

- Constructed user-friendly websites using HTML/CSS, JavaScript, and CMS platforms while leveraging SEO techniques to increase web traffic by 34%
- Directed the website development of 10 small businesses affected by COVID-19, consequently raising customer conversion rates and online sales by 35% and 18% respectively
- Conducted multiple weekly meetings with stakeholders to evaluate growth and analyze data for project briefs while collaborating efficiently with teams to meet short project deadlines

Skills

Languages: Python, TypeScript, JavaScript, Ruby, Go, C++, SQL, HTML, CSS, C, R

Tools: ReactJS, Jest, Rails, VueJS, GraphQL, Git, PostgreSQL, Cypress, Jenkins, Figma, Bootstrap, Linux, Docker