Chintan Shah

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EDUCATION

University of Toronto *Expected Apr. 2021*

Honours Bachelor of Science, **Computer Science Co-op - Software Engineering Specialist**

Coursework: Data Structures, Algorithms, Engineering Large Software Systems, Software Design, Computer and Network Security, Systems Programming

PROFESSIONAL EXPERIENCE

BlackBerry May 2019 - Aug. 2019

Software Developer Intern Ottawa, Ontario

- Designed and implemented new features using **Express** and **Node.js** for the Enterprise Identity product, used by over 1 million customers
- Implemented a new logging framework to integrate seamlessly with **Kibana**, resulting in a 25% faster debug rate for production issues
- Refactored large parts of the **JavaScript** codebase to encourage code reusability and easy maintenance, thereby simplifying code changes in the future
- Reduced deployment time by 20% by creating stubs for dependencies in unit tests and mocking out third-party cloud dependencies in integration tests

CaseWare International Inc. May 2018 - Dec. 2018

Software Developer Intern Toronto, Ontario

- Developed **Java** microservices for the Data Imports platform and an **SDK** for clients to utilize and write minimal transform logic code to import financial data
- Identified inefficiencies and optimized codebase to cut overall time of a data import by 50%, improving UX
- Increased test coverage to over 75% by writing unit and integration tests using **JUnit**, **Mockito** and **Wiremock**
- Introduced multi-stage **Docker** builds to containerize applications for seamless integration with continuous integration (**CI**) and continuous delivery (**CD**) pipelines

Computer Science Enrichment Club Apr. 2017 - Apr. 2018

Lecturer Toronto, Ontario

- Lectured over 30 students weekly about developing **static and dynamic websites** with modern frameworks

TECHNICAL SKILLS

Languages & Markup	Java, JavaScript, Python, C, Haskell, HTML, CSS, SQL
Technologies	Node.js, React, Redux, Express, Spring Boot, Android
Tools	Git, Docker, Jenkins, Kibana, JUnit, Mockito, Wiremock, AWS

PROJECTS

Icetime Summer 2019

- Developing a cross-platform mobile application with **JavaScript** and **React Native + Redux** to display real-time NHL game scores and detailed statistics of individual games and players

Rümi Spring 2019

- Built a user-friendly web application with a **Spring Boot** back-end and a **React** front-end to let students find and book available rooms on campus
- Integrated the **RESTful API** with **Swagger UI** to allow for easy interactions with endpoints, speeding up development and testing cycles