



# Chintan Shah

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## EDUCATION

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### 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, Operating Systems, Systems Programming

## PROFESSIONAL EXPERIENCE

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### HubSpot

Jan. 2020 - Apr. 2020

Software Engineering Intern

Boston, MA

- Implemented new infrastructure on **Java** microservices utilizing the **DropWizard** framework to allow server-side caching of 40,000+ websites on the HubSpot CMS platform
- Engineered a new way to fetch content updates and render millions of webpages to cut rendering time by 30%
- Decreased website load times on the HubSpot CMS platform to near instantaneous speeds with usage of server-side caching and **CloudFlare Workers**

### BlackBerry

May 2019 - Aug. 2019

Software Developer Intern

Ottawa, ON

- Designed and implemented new features using **Express** and **Node.js** for the Enterprise Identity product, used by over 1 million customers
- Introduced 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

### CaseWare International Inc.

May 2018 - Dec. 2018

Software Developer Intern

Toronto, ON

- 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**

## TECHNICAL SKILLS

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### Languages & Markup

Java, JavaScript, Python, C, Haskell, HTML, CSS, SQL

### Technologies

Node.js, React, Redux, Express, DropWizard, Spring Boot, Android

### Tools

Git, Docker, Jenkins, Kibana, JUnit, Mockito, Wiremock, AWS

### Concepts

OOP, Functional Programming, Agile (Scrum), CI/CD, TDD

## PROJECTS

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### Icetime

Summer 2019

- Developed 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 quick and easy interactions with endpoints