

Benjamin Kostiuik

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Education

B.A.Sc. Honors, Computer Science

Sep. 2018 - Apr. 2023

McMaster University

- CGPA: 4.0/4.0
- Dean & Provost's Honor Roll
- Related courses: Data Structures & Algorithms, Principles of Programming, Discrete Mathematics

Experience

Coveo

May – Aug. 2021

Software Engineering Intern | C#, React, Golang, Node.js, MongoDB

Montreal, QC

- Reduced time required for stress testing and client demo development of Coveo's Slack integration by 10x by developing an impersonation tool for automating QA actions with Express.js & MongoDB.
- Empowered client partners and developers by designing and developing a CLI tool with Node.js to automate deployments of custom code to the Coveo platform.
- Implemented a verification process activated on custom component creation to prevent XSS attacks.
- Improved the performance of cloud search and crawlers written in React, C# and Go.

McMaster University

Jan. – Apr. 2020

Undergraduate Teaching Assistant

Hamilton, ON

- Led two weekly tutorials, held office hours, graded assignments, and provided academic support for a core second year CS discrete math course with over 200 students.

Royal Bank of Canada

May – Dec. 2020

Software Developer Intern | Java, Spring-boot, Angular, Python, SQL

Toronto, ON

- Automated internal reporting processes from days to minutes by developing a full-stack web application with Angular and Spring-boot used by over 30 employees.
- Supported critical systems used to create & track offer deployments sent to 16+ million customers.
- Improved deployment speeds and automated regression testing by implementing a CI/CD pipeline using Jenkins integrated with cloud vendor solutions.

Skills

Languages: Java, Python, JavaScript, TypeScript, HTML & CSS, Haskell, Bash, Dart

Tools/Technologies: Node.js, Angular, React, Spring-boot, Docker, MongoDB, Git, SQL, Azure

Projects

🔗 **Puff** | Java, Spring-boot, Vue, Docker, Azure

2021

- Open-source platform empowering students to collaboratively write and run tests for assignment code.
- Designed with a Spring-boot microservice architecture, Vue.js front-end and Keycloak authentication.
- Hosted on Microsoft Azure leveraging GitHub Actions & Docker for CI/CD pipelines.

Volunteering

McMaster Computer Science Society

2020 - 2021

Director of Academics

- Organized and oversaw academic events to support over 400 computer science students in their studies throughout the year.