

Benjamin Kostiuik

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Education

B.A.Sc. Honors, Computer Science

McMaster University

Expected Graduation: April 2023

CGPA: 4.0/4.0

- Dean & Provost's Honor Roll
- Director of Academics for the McMaster Computer Science Society (2020 - 2021)
- Related courses: Computational Thinking, Principles of Programming, Discrete Mathematics

Experience

Software Engineer Intern

May – Aug. 2021

Coveo • Montreal QC

- Reduced time required for stress testing and client demo development of Coveo's Slack integration by 10x by creating a new impersonation tool capable of performing 1 million+ actions per day with Node.js, Express.js, MongoDB and Redis.
- Empowered client partners and developers by designing and developing a CLI tool with Node.js to automate deployments of the In-Product Experience feature.
- Improved the performance of cloud search and connectors written with React, C# and Go.

Undergraduate Teaching Assistant

Jan. – Apr. 2020

McMaster University • Hamilton ON

- Led weekly tutorials, held office hours, graded assignments, and provided academic support as one of six TAs for 200+ students in a core second year CS discrete math course.

Software Developer Intern

May – Dec. 2020

Royal Bank of Canada • Toronto ON

- Automated the reporting process from days to minutes by developing a full-stack web application used by employees to track and analyze offer deployments sent to 16+ million customers daily with Angular and Spring-boot.
- Improved deployment speeds and automated regression testing through implementation of a full CI/CD pipeline using Jenkins integrated with cloud vendor solutions.

Skills

Languages: JavaScript, Python, Java, HTML, CSS, Haskell, ELM, SQL, Bash, Dart

Frameworks/Tools: Node.js, Express.js, Angular, Spring-boot, Docker, GitHub Actions, Flutter

Projects

🔗 Puff • Personal Project

2021

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

🔗 Sprout • Personal Project

2020

- Flutter mobile app written in Dart to help users care for their houseplants.
- Leveraged a Firebase database for user authentication and user data storage.