

# Benjamin Kostiuik

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## Education

**B.A.Sc. Honors, Computer Science**

McMaster University

**Expected Graduation: April 2022**

CGPA: 4.0/4.0

- Dean & Provost's Honor Roll
- Related courses: Computational Thinking, Principles of Programming, Discrete Mathematics

## Skills

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

**Frameworks/Tools:** Node.js, Express.js, Angular, MySQL, Django, Dialogflow, Elasticsearch, Flutter

## Experience

**Technical Solutions Student**

**May – Aug. 2019**

Region of Peel • Brampton ON

- Prototyped a natural language agent with **Dialogflow** and a hosted **Node.js** backend to assist 130,000+ residents.
- Developed a web portal with **Node.js** for aggregating email statistics from **Salesforce**.
- Automated over 50 hours of manual tasks with **scripts** written in **Python** and **JavaScript**.
- Implemented a scalable analytics solution with **Elasticsearch** to provide insights & reporting on Peel's social media presence.

**Web Developer**

**June – Aug. 2018**

Checkpoint Research Inc • Mississauga ON

- Developed a **full-stack web application** reporting module including front-end, back-end, production and testing using the **MEAN stack**.
- Designed and implemented interactive user interfaces with **Angular** Material and Chart.js.
- Implemented **user authentication** through **JWT** and validation with a **MongoDB** database.

**Bilingual Network Technician**

**April – Aug. 2018**

D-Link Canada • Mississauga ON

- Provided **technical support** to customers for their routers, modems and other products by phone and online chat.
- Documented customer issues and tested solutions in a lab environment.

## Projects

🔗 **Sprout** • Personal Project

**2019**

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

🔗 **Pulse** • Personal Project

**2019**

- **Google Assistant Agent** connecting YouTube users and content creators with their YouTube data, analytics and insights.
- Developed using **Dialogflow** for NLP and a Node.js backend hosted with Firebase.