

## EXPERIENCE

- Apr. 2021 - Oct. 2021

**Frontend Web Developer • Asset Dash (assetdash.com)**

  - Responsible for developing new website using Next.js (JavaScript, React, Firebase)
  - Pixel-perfect delivery based on provided design mockups
  - Maintenance, optimization, and deployment on Linux VPS
- Oct. 2019

**Assistant Automation Coordinator • Elections Canada**

  - Maintained uptime of the computer systems of Elections Canada during 2019 Federal Election
  - Worked with a large team under pressure
- May 2018 - Apr. 2020

**IT Student Advisor • Trent University Information Technology**

Assisted students and faculty with various tasks:

  - Computer support (Windows, Mac)
- Sept. 2019 - Apr. 2020

**AVROD Intern • Trent University Information Technology**

Responsible for building web store using Django, MySQL, etc.
- Nov. 2018 - Jan. 2019

**Computer Science Python Tutor**

Tutored grade 12 students in Python

## EDUCATION

- Peterborough, ON

2016-2023

**Trent University**



Honours B.Sc. Computer Science 3/4 years
- Pickering, ON


2012-2016


**Dunbarton Secondary School**


High School Diploma

## PERSONAL PROJECTS

-  **CloudFlare Workers Telegram Bot**  230+




Serverless Telegram Bot on CloudFlare Workers, written in TypeScript. Utilizes Webhooks and different AI models: Llama, Mistral.
-  **SpotTube**

Browser extension for Chrome and Firefox utilizing Web Extension API to get relevant YouTube link for currently browsed website.
-  **Pastebin Clone**

Pastebin clone using Cloudflare Workers with syntax highlighting, written in TypeScript.
-  **Please**

Linux terminal command that uses AI to run Linux commands, written in JavaScript.

## AWARDS AND CERTIFICATES

-  **Overleaf Most Interesting Talk Award at Trent Mathematics and Statistics Conference 2019**
-  **Amazon Application Developer Certification from AWS Educate**
-  **Project Management Award at Trent University's Electric City Hacks Hackathon 2016**

## EXTRA CURRICULAR

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○ Sept. 2019 - May 2020

### Trent Computer Science Society

President of Trent Computer Science Society

○ Nov. 2016 - Nov. 2019

### Electric City Hacks

Participant (2016), Volunteer (2017), Organizer (2018), and Director (2019)

○ Nov. 2018 - Nov. 2019

### Trent Innovate

President and Founder of Trent Innovate

○ Sept. 2019 - Apr. 2020

### Trent Game Development

On the executive team of Trent University Game Development

## SKILLS

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### PROGRAMMING LANGUAGES

- JavaScript & TypeScript
- Rust
- Python
- C#
- Shell
- SQL
- PHP
- LaTeX
- Makefile

### OPERATING SYSTEMS

#### Linux, 10 years total:

- Ubuntu
- Mint
- Arch
- Gentoo
- Debian
- Void
- Fedora
- Alpine

### APPLICATIONS



- Git
- Docker/Podman
- Cloudflare Workers
- Amazon Web Services
- KVM/QEMU
- MS Office

### INTERESTS

- Serverless Computing
- Linux Kernel Development
- Artificial Intelligence
- Video games and video game development
- Bicycling

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**SEAN  
BEHAN**

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