

## Experience

**The Knowledge Society - Innovator** September 2019 - Present

- Developing knowledge in a variety of exponential technologies like AI and quantum computing through building content and projects.
- Worked on consulting projects for Kidogo, a social enterprise building ECD centers in slums areas in East Africa and Sidewalk Labs, Alphabet's urban innovation company.

**DMZ - Basecamp Fellow/ Vitalis Co-founder** July 2019 - August 2019

- Worked on Vitalis, a med-tech startup focused on providing remote patient monitoring services for patients with chronic illnesses and the elderly.
- Received mentorship from physicians at the University Health Network, engineers from Google and other DMZ-incubated startups.

**HackClub @ Erindale SS - Club Co-lead** September 2019 - Present

- Took on a leadership role to make the local computer science club affiliated with HackClub and also run workshops on Web Development
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## Skills

### Web Development / Software Engineering

Proficient in: Python (Flask), React.js, Node.js (Express), MongoDB, Azure and Google Cloud APIs, Heroku and Web Design using Figma

### Machine Learning / Data Science

Proficient in: Python, PyTorch (Deep Learning), Pandas, Matplotlib, Scikit

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## Projects (Portfolio)

**Codenote** - Auto source code commenting by repurposing Google's BERT and finetuned to Python source code + comments. (Under development)

**Clipbit** - A Python-based video editor that uses Azure Speech Services to pick up on audio queues and smartly trims out all irrelevant.

**PortfolioOS** - A web app that allows people to upload all their work to create an aesthetically pleasing portfolio page and was built using MERN stack.

**PongDQN** - Built an Atari Pong Bot using Deep-Q-Networks in PyTorch that is fed game footage (frames) to create a bot that wins games by an avg. of 18/21 points.

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## Education

**Erindale Secondary School / International Baccalaureate**  
2017 - 2021, GPA: 4.0, Honor roll