



EDUCATION

University of Waterloo

2021-2026

Bachelor of Applied Science, **Systems Design Engineering**

- Activities: UW Blueprint – Project Developer

PROJECTS

Condensed.news – News Summary Web App

[Try it Out](#)

[Repository](#)

[Blog Post](#)

- Created a web app which uses AI to summarize the latest global news, on an hourly basis
- Built using **Flask** (Python), deployed on **Heroku** with **PostgreSQL** database
- Utilized **REST APIs** – HuggingFace for summarizer, NewsAPI and newspaper3k to query articles

WORK EXPERIENCE

Software Developer Intern

May 2023 – Current

The Weather Network, Oakville, ON

Data Engineering Intern

Sep, 2022 – Dec, 2022

Grantmatch, Toronto, ON

- Automated manual scraping of grants into internal database, increasing speed by **40x**
- Created scrapers using **BeautifulSoup** and Rest APIs to store grant information weekly
- Deployed app on **AWS** using **Terraform**
- Implemented a text classification neural network on 4000 grants with **PyTorch**

Full Stack Developer Intern

Jan, 2022 – Apr, 2022

Intelliculture, Waterloo, ON

- Improved and scaled usability and functionality of farming software product for customers
- Developed **Node.js** and **Django** scripts that collect vehicle data from farm equipment using the Geotab API, stored on FaunaDB database, integrated into 18,000+ daily customer reports
- Added feature allowing users to classify farm vehicle type, implemented on **React.js** front end
- Winner of Waterloo's \$1500 Co-op Problem Award for report on problem relevant to employer

Software Developer Intern

Jul, 2020 – Sep, 2020

VerifAI, Palo Alto, CA

- Built a Python program that evaluated the performance of a BERT-based chatbot

TECHNICAL SKILLS

Languages:

Python

Javascript

Typescript

C++

Arduino

R

Frameworks:

Django

Flask

Node.js

React.js

Next.js

Misc:

SQL

PostgreSQL

Git

Heroku

AWS

Bash

Web Scraping