

Colin De Vlieghere

📍 Boston, MA

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🌐 Portfolio: <https://colindv.xyz>

Software engineer seeking full-time in-person or remote opportunities. Proficient in machine learning and popular programming languages, and eager to learn more. Strong communication and teamwork skills. Takes pride and ownership in his work with a detail-oriented mindset.

EDUCATION

UNIVERSITY OF TORONTO

BSc - Computer Science Specialist w/ Focus in AI & Math Minor

Awards: UofT Scholar, Dean's List Scholar, Innis College Exceptional Achievement

Toronto, ON

Graduation: June 2024

3.9 GPA

TECHNICAL SKILLS

- Python, C++, C, Bash, Java/Kotlin, Assembly, SQL, HTML/CSS/JS, R
- Git, NumPy, Pytorch, Tensorflow, Eigen, ONNX, Pandas, APIs, and Agile development
- Linux Server (Ubuntu, Fedora, Unraid), Arduino, Docker, CI/CD, and Cloud Infrastructure
- Fluent English and French; Proficient Chinese and Spanish
- Strong teamwork and communication skills

WORK EXPERIENCE

QUALCOMM

Machine Learning Engineering Intern

Markham, ON

May 2022 – May 2023

- Develop high performance ML model compiler for custom deep learning hardware accelerator
- Develop model translation layer to convert between custom representations
- Create smart Arduino-based ML weather station with no moving parts
- Coordinate software projects across teams and perform knowledge share presentations

SMARTECHS

Augmented Reality Intern

Pennsylvania, US

Summers 2019, 2020, 2021

- Create document-to-JSON parser
- Coordinate developers, write user stories, create Figma designs
- Spearhead ISO27001 policy draft and define privacy and security policies
- Produce videos and perform tech demos for clients, host Zoom webinar

DÉLICE & CHOCOLAT CAFÉ

Employee, Customer Service

Pennsylvania, US

June 2017 – June 2018

- One of the first employees, define and organize the store's initial workflow, work in nearly every area of the store
- Focus on customer service, coordinate and train new employees

PROJECTS

- Feeling Hungry: web app using an NLP model to recommend healthy alternatives to cravings
- SuperMarAI: AI trained using NEAT to play Super Mario
- Personal Linux server running Docker containers such as Nextcloud, Minecraft Server, Nginx
- Contributions to various open-source projects such as pkg2appimage