Colin De Vlieghere

📍 Toronto, ON, Canada   💼 linkedin.com/in/colin-de-vlieghere/   ✉ colin.de@mail.utoronto.ca

                                  ○ github.com/Cubevoid   🌐 Portfolio: https://colindv.xyz

Fourth Year Computer Science Student at the University of Toronto. Well-versed in popular programming languages and machine learning, and eager to learn more. Has strong communication and teamwork skills and takes pride and ownership in his work with a detail-oriented mindset.

EDUCATION

UNIVERSITY OF TORONTO   **Toronto, ON**

4th Year Computer Science Specialist (with Focus in AI) & Math Minor (cGPA: 3.9)   *Graduation: June 2024*

Awards: U of T Scholar Award, Dean's List Scholar, Innis College Exceptional Achievement Award

TECHNICAL SKILLS

- Programming Languages: Python, C++, C, Bash, Java/Kotlin, some HTML/CSS, R, and MIPS Assembly
- Well-versed in Git, NumPy, Keras, Scikit-learn, ONNX, Pandas, APIs, and Agile development
- Linux (Ubuntu, Fedora, Unraid), Arduino, Docker, GitHub Actions CI/CD, and AWS
- English, French, and proficient Chinese and Spanish
- Strong teamwork and communication skills

WORK EXPERIENCE

QUALCOMM   **Markham, ON**

Machine Learning Engineering Intern   *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   **Pennsylvania, US**

Product Management Intern   *Summers 2019, 2020, 2021*

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

DÉLICE & CHOCOLAT CAFÉ   **Pennsylvania, US**

Employee, Customer Service   *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