

MUSA AQEEL

Vaughan, ON

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SUMMARY

Enthusiastic programmer with a passion for learning and a drive to constantly improve skills. Committed to contributing to team success with attention to detail and excellent organizational skills. Quick to pick up new languages, frameworks and tools, and always ready to bring a positive, team-focused attitude to any project.

SKILLS

Web/Frameworks: JavaScript | React | Next | CSS3 | HTML5 | SCSS

Languages: Python | Java | C++ | Lua

Other: Git | REST API

EDUCATION

TOMMY DOUGLAS SECONDARY SCHOOL

Ontario Secondary School Diploma

Woodbridge, ON
Sep 2022 - Jun 2023

Relevant Courses: Computer Science, Advanced Functions, Calculus and Vectors

Societies and Clubs: Co-President and Co-Founder of Tommy Programming Club,

Member of Investing Club, Data Science Club. Peer Tutor; ICS201, ICS3U, ICS4U

MAPLE HIGH SCHOOL

Ontario Secondary School Diploma

Maple, ON
Sep 2019 - Jun 2022

Societies and Clubs: Executive Director of Maple's Programming Club

Member of Engineering Society, First Aid Society, Science Club,

Business Club and Literature Club

WORK EXPERIENCE

COBWEB UofT

Programming Intern

Toronto, ON
Jan 2023 – Present

- Under the supervision of Dr. Brad Bass PhD I am apart of a team of engineers who are developing a Python version of legacy COBWEB software, allowing ease to add new features
- COBWEB can be used to study a wide range of systems, including social networks, ecosystems, and economies.
- Works closely with undergraduate and graduate students to modify existing systems to meet the needs of their research

WizRobotics

Software Programming Instructor

Richmond Hill, ON
May 2022 – Present

- Teaches multiple weekly classes to students, aged 8-16, in languages including Python, Scratch, and Lua.
- Keeps students engaged and motivated to learn while building their enthusiasm for computer science and engineering.
- Gives students the problem solving skills and tools needed to approach, and solve complex problems efficiently.
- Collaborates frequently with colleagues to provide insight and updates on students and their progress.

PROJECTS

MY-AI

Oct 2022

- Developed for Hack the Valley 7, an in-person 36 hour hackathon at the University of Toronto Scarborough.
- A web app where users are able to interact with an AI powered chatbot in hopes of lifting their mental health issues by talking to it, like a friend.
- Using OpenAI's GPT-3 text-davinci-002 API, we are able to generate accurate and relevant responses to any user prompt.
- Fine-tuned API creates generations to provide solutions, and ways to console on whatever the end user is going through.

MACHINE LEARNING 101

June 2022

- An award winning site dedicated to the teaching of Machine Learning using Python.
- Winner of Best UI/UX @ Reeces Hacks 2022.

REFERENCES

Available upon request.