

THOMAS MATTHEW HAENE

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(Canadian Citizen)

EDUCATION

Bachelor of Engineering, Electrical Engineering **Sep 2021 – May 2025**
McGill University, Montreal, QC

- In my 2nd year (sophomore)

International Baccalaureate (IB) **Sep 2019 - Jun 2021**
British International School Abu Dhabi

- Graduated with a total score of 41/45 points, placing within top 8% in the world.
- Earned the 'Physics award' at both IGCSE and IB, which was awarded to one student.

PROJECTS

Portfolio Site

- Built using HTML and CSS, using Visual Studio Code. Serves as the hub for my application process in future employment endeavours.
- <https://thomashaene.com/>
- <https://github.com/TomHaene>

NBA API Python Project

- This project was a great introduction into back-end web development for me. I created a front-end UI that took in user input of an NBA player's name and passed this to a python backend program, which returned data relating to this player. This project taught me Django and HTTP requests and responses.
- <http://tomhaene.pythonanywhere.com/>

EXPERIENCE

McGill Robotics Design Team **January 2023 - Ongoing**

- Member of the Electrical Systems division for the Mars rover project. Have completed numerous tasks, those of which are all available to view on my website.

The Factory, McGill **September 2023 – Ongoing**

- Hold the position of general manger at the 'Factory', which is a student-run hardware lab at McGill. We offer office hours to help students with any hardware related projects they may have, while also providing regular workshops, in skills such as: Arduino, PCB Design, and more.

TECHNICAL SKILLS + INTERESTS

Programming Languages: VHDL, Java C, Python, Bash, HTML & CSS,

Hardware Familiarity: FPGA's, Arduino Boards, Soldering, STM32CubeIDE

Software Familiarity: Visual Studio Code, Altium designer, Android Studio, SQLite Databases

Languages: English (native language), French (proficient)

Interests: Weightlifting, Basketball & Acoustic Guitar