

MATTHEW SZURKOWSKI

☎ 416-828-6377 ✉ mszurkow@gmail.com [in linkedin.com/in/matthew-szurkowski](https://www.linkedin.com/in/matthew-szurkowski) github.com/MatthewSzurkowski

Education

University of Guelph

Sep. 2019 – April 2023

Bachelor of Computing, Software Engineering (Honours)

Guelph, ON

Technical Skills

Languages: C/C++, Python, JavaScript, Java, Bash, Lua, Perl, R, SQL, HTML/CSS

Frameworks/Libraries/Tools: Node.js, Express, Bootstrap, Next.js, React, Numpy, Pandas, BeautifulSoup

Experience

Ontario Veterinary College

January 2022 – Present

Software Developer

Guelph, ON

- Worked with the School of Computer Science and Ontario Veterinary College for a research project funded by the Bill and Melinda Gates Foundation: Global Burden of Animal Disease.
- Developing a web application and CRUD API using Docusaurus, React, Node.js, and SQL, to allow developers and researchers to create documentation for GBADs hosted using AWS EC2.

MindKraft Inc.

June 2020 – Present

STEM Instructor

Oakville, ON

- Led students through introductory Scratch, Lua, Java, and Python coding classes.
- Developed various courses and tutorials in Lua, and Java.
- Educated students on fundamental robotics programming, concepts, and design.
- Managed other instructors during various camps and workshops.

University of Guelph

August 2021 – Present

Residence Assistant

Guelph, ON

- Demonstrated exceptional leadership skills by managing and maintaining relationships with students throughout the Lennox/Addington community.
- Maintained perfect attendance to Monday night meetings.
- Coordinated community experiences, O-week events, as well as general meetings with students in the Lennox/Addington community.

Projects

UofG Scheduling Calendar | *React, Node.js, CSS, Nginx, MySQL, Next.js, Express.js*

December 2021 - Present

- Creating a scheduling calendar that allows residence assistants to coordinate with their managers easily.
- Collaborated development of the website with members of the university to create a list of requirements.
- Assembled a small team and assigned workloads to various members.

CertiGen | *React, Node.js, CSS, Bash, Express.js*

January 2021

- Developed a front-end React site that effortlessly generates certificates specific to Microsoft Learn Student Ambassador hosted events.

Algo Trading | *Python, Pandas, matplotlib, yfinance, Numpy, FMP API*

August 2021 - September 2021

- Created and plotted simple moving averages, Fibonacci retracements, and other comparisons using yahoo finance data, Python, and Python libraries.

Extracurricular

- Microsoft Learn Student Ambassador
- DECA U Lang - Delegate
- Google Developer Student Clubs - Technical Associate
- Guelph Student Investment Council - Participating Analyst
- Society of Computing and Information Science (SOCIS)