

ERGI MAQELLARI

 Ergi Maqellari

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Toronto, Ontario

416-878-0906

SKILLS

Languages: Python, C, C++, Bash, HTML, CSS, JavaScript, React, Terraform

Technologies: GCP, Azure, SharePoint, Power Automate, Linux

CERTIFICATES

WE ACCELERATE - MICROSOFT STREAM

- AZ-900: Microsoft Azure Fundamentals
- AI-900: Microsoft Azure AI Fundamentals

EXPERIENCE

GERMAN AEROSPACE CENTER (DLR)

05/2025 - 08/2025

Software Engineering Intern

- Developed a single-page web application using React and Python to allow for external researches to take advantage of an in-house Simulink vehicle simulation model
- Leveraged the FMI standard and familiarized myself with MATLAB to securely allow for external use of the simulation model
- Demonstrated strong self-assessment and technological agility through collaborating with co-workers and learning about engineering softwares to close knowledge gaps in context specific skills.

QUESTRADE

09/2024 - 12/2024

Infrastructure & Cloud Operations Intern

- Developed foundational skills in Terraform by updating pre existing infrastructure to provision, decommission, and enhance GCP resources, with version control and collaboration facilitated through GitLab.
- Collaborated on a cloud cost optimization project, identifying areas for improvement and implementing solutions that are projected to save the company \$180,000 annually.
- Communicated effectively across multiple teams within the organization to gather critical information, streamline workflows, and drive projects to successful completion.

COMPASS COMMUNITY SERVICES

02/2024 - 04/2024

IT Support Intern

- Leveraged Sharepoint and Power Automate to develop efficient company-side communication solutions, showcasing self-direction and adeptness at implementing others' ideas.
- Provided comprehensive remote IT support to a diverse team of 40 individuals, ensuring seamless operations and resolving technical issues promptly to maximize productivity.
- Demonstrated strong collaborative skills by working with teammates to design and deploy an automated phone system, highlighting teamwork and technical proficiency in telecommunications.

EDUCATION

UNIVERSITY OF WATERLOO

2022 - 2027

- Term: 3B
- Distinctions:
 - On track to graduate with Dean's Honours (Cumulative Average of 87%+)
 - President's Scholarship of Distinction (Admission average of 95%+)
 - TTC John Lorimer Memorial Scholarship

3.9/4.0 GPA