Monir Nasserie

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EDUCATION

University of Waterloo — Waterloo, ON, Canada
Bachelor of Computer Science; GPA: 3.70 — *Sept. 2020 – Apr 2025 (exp.)*

Clarkson Secondary School — Mississauga, ON, Canada
Ontario Secondary School Diploma; French Immersion; GPA: 97.5% — *Sept. 2016 – June 2020*

EXPERIENCE

LifeWorks — Remote (Toronto, ON)
Cloud Engineer Intern — *Aug 2022 - Present*

- **Cloud Resource Delivery**: Provisioned cloud resources (VMs, servers, storage accounts, etc.) through Azure for internal and external clients and managed existing virtual machines using VMWare and vSphere.
- **Infrastructure as Code**: Maintained and configured Terraform azurerm modules for frequently requested Azure resources to increase provisioning time.
- **Azure Resource Cost Calculation**: Worked as a team to create internal full-stack web application to provide estimated cost of given resources using Azure Pricing API.
- **Agile Delivery**: Maintained communication with the team regarding tasks through Daily scrum meetings and Azure DevOps, along with providing frequent updates to requester's regarding ticket status.

Agriculture and Agri-Food Canada — Remote (Quebec City, QC)
Data Analyst Intern — *Jan 2022 - Aug 2022*

- **Data Visualization**: Created and managed agricultural model inventory characterizing various models used within the Living Labs using Excel and VBA scripts.
- **Cloud Migration**: Integrated legacy data to updated cloud database format using R scripts and Aquarius Time-Series API to create batch fetch requests.
- **Data Extraction**: Integrated model inventory data within Power BI reporting as a tool for future decision-making.

AltaML — Remote (Calgary, AB)
Junior Machine Learning Developer Intern — *Jul 2021 - Aug 2021*

- **Data Cleanup**: Transformed a dataset of 1.4 million tweets and metadata through Azure ML Designer Pipelines.
- **ML Model Development**: Worked as part of a team to develop machine learning model for specific use case using Microsoft Azure and Azure ML Designer, along with Python scripts.

PROJECTS

- **Live Chatroom**: Real-time, multi-channel web application that allows communication between users, developed using Firestore, Bootstrap and JavaScript.
- **GymBro**: Cross platform mobile fitness application (iOS and Android), developed using React Native and SQLite, that allows users to set fitness goals and track / visualize daily progression, as well as providing exercise recommendations.

SKILLS

- **Languages**: : Python, Javascript, HTML, CSS, C++, SQL, Java, DAX, R, Bash, Assembly, HCL
- **Technologies**: : Azure, AWS, Terraform, Ansible, React, React Native, Node.js, Power BI, Bootstrap, Firebase, Git, REST API

LICENSES & CERTIFICATIONS

- **Udemy**: Modern JavaScript - May 2022
- **Microsoft**: Azure Fundamentals - Jul 2021
- **Microsoft**: Azure AI Fundamentals - Jun 2021
- **LinkedIn**: Remote Work Foundations - May 2021