

Monir Nasserie

<https://mn-coding.github.io>



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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

- **Agriculture and Agri-Food Canada** Remote (Quebec City, QC)
Data Engineer Jan 2023 - Present
- **LifeWorks** Remote (Toronto, ON)
Cloud Engineer Intern Aug 2022 - Dec 2022
 - **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 azurearm 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

- **GymBro:** Cross platform mobile fitness application (iOS and Android), developed using React Native, that allows users to set fitness goals and track / visualize daily progression, as well as providing exercise recommendations.
- **EatSmart:** Web application built using React.js and edamam API which offers recipes and respective caloric information based on provided user queries.
- **Live Chatroom:** Real-time, multi-channel web application that allows communication between users, developed using Firestore, Bootstrap and JavaScript.

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