

# Monir Nasserie

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



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## EDUCATION

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- **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

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- **Agriculture and Agri-Food Canada** Remote (Quebec City, QC)  
*Data Analyst* Jan 2023 - Present
  - **Data Visualization:** Maintaining and updating Power BI dashboards regarding agricultural model information utilized by dozens of researchers.
- **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 to build client side of internal Azure resource cost estimation tool utilized by 5+ developer teams.
- **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

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- **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

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- **Languages:** : Python, JavaScript, TypeScript, HTML, CSS, C++, SQL, Java, R, Bash, HCL, C#, ASP.NET, Swift
- **Technologies:** : Azure, AWS, Terraform, Ansible, React, React Native, Node.js, Power BI, Bootstrap, Firebase, Git

## LICENSES & CERTIFICATIONS

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- **Udemy:** Modern JavaScript - May 2022
- **Microsoft:** Azure Fundamentals - Jul 2021
- **Microsoft:** Azure AI Fundamentals - Jun 2021