Monir Nasserie

https://mn-coding.github.io

Email : monirnasserie@gmail.com
Mobile : (647) 936 - 9021

EDUCATION

University of Waterloo Waterloo, ON, Canada
Bachelor of Computer Science; cGPA: 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)
Software Developer *Sept 2023 - Present*

- **Image Processing Optimization**: Optimizing Python code and processes related to imagery processing.

TELUS Health Remote (Cambridge, ON)
Software Developer in Test *May 2023 - Aug 2023*

- **QA Automation**: Reduced manual QA time per feature release by ~ 6 hours through the automation of new test cases in Python through the TELUS Automation Framework.
- **Automation Framework Maintenance**: Created bug-fixes for 10+ failing test cases to improve full regression validation quality and efficiency.
- **Error Logging System**: Created error logging system for regression validation to analyze consistent / new errors between runs.

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 azurerm 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.

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, 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

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