

Hashir Ahmed

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SKILLS

Programming

Java, C/C++, C#, HTML/CSS,
MySQL, JavaScript, PHP, Python

Frameworks

Node.js, Express.js, Spring, JUnit,
OpenGL, Symfony, Twig, React.js

Developer Tools

Git/Github, Visual Studio, Azure
Machine Learning, ML Canvas,
Azure Cloud, Tensorflow

PROFESSIONAL EXPERIENCE

Associate Machine Learning Developer - Contract, AltaML

May 2023 – Sep 2023 | Calgary, Canada

- Continued development and expanded ongoing ML use case for a large energy company. Use case entailed forecasting **churn rates** of customers using internal data, contemporary **ML models** and **data engineering**
- Collaborated in the development of an innovative copilot tool leveraging cutting-edge **LLM (Language Model)** technology, specifically ChatGPT, to enhance productivity and efficiency of employees.
- Designed, built and optimized **machine learning pipeline** to codify and automate the machine learning workflow
- Coordinated and **led the team** to ensure deliverables were of high quality and on time

Data Analyst/QA Intern, Mobility Quotient Inc.

May 2021 – May 2022 | Calgary, Canada

- Performed testing on **10+ software**, including websites and mobile apps.
- Designed & executed tests on app usability, and recorded errors and bugs.
- Performed thorough testing to validate that the user expectations were achieved.
- Reported over **500+ bugs** from evaluating and testing software in conformance to the project-specific requirements.
- Analyzed **structured data** (JSON-LD, oEmbed, etc.) on E-commerce sites to see if they were eligible to be put on Sokolocal.com

EDUCATION

Software Engineering, University of Calgary

2018 – 2023 | Calgary, Canada

- Bachelor of Science in Software Engineering. GPA: 3.52**
- Coursework:** Data Structures & Algorithms, Operating Systems, Software Development/ Design, Computer Networks, Data Base Management Systems, Embedded Systems, Software Testing/Reliability/Quality, Software Architecture, Software Requirements, Introduction to Computer Graphics, Scalable Data Analytics, Data Science for Software Engineers.

ACADEMIC PROJECTS

Flexiform (Capstone)

Apr 2023

- Description:** Developed a web-based computer-aided design (CAD) tool as a capstone project to enhance prosthetic mesh editing for hand amputees. Utilized Unity game engine, C#, and WebGL for web-based implementation. Personally implemented mesh filling and casing features. Designed an intuitive and easy-to-use user interface (UI) for seamless mesh modification.
- Result:** Developed a valuable tool that bridges technology and healthcare, showcasing strong problem-solving and software development skills.

Theatre Booking System

Dec 2020

- Developed a full-stack Java application using the spring framework, MVC layout, and SQL database
- Explored many practical concepts including object-oriented design and development, client-server architecture, JDBC, GUI, and Git version control

PERSONAL PROJECTS

Sokolocal Themed Online Store

Aug 2021

- Developed a fully functioning front-end for a Sokolocal-type site (Sokolocal is an e-commerce site developed by Mobility Quotient Inc.)
- The purpose of this project was to learn the Symfony PHP framework and learn to create a complete front-end, using the Sokolocal API to connect to the database