

Arash Shafei

+1 (514) 912-8832 | arash_shafei_work@outlook.com | linkedin.com/in/arashshafei | github.com/Arash-Shafei

EDUCATION

Concordia University

Bachelor of Computer Science

Montreal, QC

Jan. 2020 – May 2023

Quebec Excellence Scholarships for Engineering

Winter 2020 Term GPA: 3.88

TECHNICAL SKILLS

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Machine Learning, Artificial Intelligence, Databases

Languages: Java, Python, C/C++, SQL (Postgres), NoSQL (MongoDB), JavaScript, C#, HTML/CSS

Frameworks: React, PyTest, Node.js, ASP.NET, Flask, Django, FastAPI, Apache Spark

Libraries: OpenCV, Numpy, Pandas, Scikit-Learn

Developer Tools: Git/Github, VS Code, Powershell, Jira, Jenkins, AWS, Github Actions, Docker

EXPERIENCE

Information Technology Analyst

COENCORP

Aug 2023 – Present

Brossard, QC

- Deploy, configure, and update software in the cloud.
- Diagnose and resolve simple and complex technical problems.
- Analyze incidents and provide input for continuous system and process improvement.

PROJECTS

Risk Game | C++

- The "Warzone" inspired video game project is a command-line application written in C++, designed to provide players with a strategic gaming experience.
- The game engine, which is the backbone of the application, is designed to handle a range of gameplay scenarios based on the player's current stage of the game and the specific phase they are in.
- The command processor module provides a reliable interface for receiving and processing player commands, while the game engine module is responsible for validating and executing the orders received from players.
- Project developed for Undergrad course COMP 345 (Advanced Program Design with C++).

Image Processing Application | C++, OpenCV, React, Flask

- An image processing web application built using C++, the OpenCV library for image processing, React framework for the frontend, and Flask framework for building the backend.
- Users can upload images and select various image processing operations such as cropping, resizing, blurring, etc. using the frontend.

Cryptocurrency Price Tracker | React, Node.js

- Developed a simplified price-tracking web application for cryptoassets.
- Utilized CoinGecko's API to retrieve cryptocurrency metrics using Axios.