

Zia Ul Hassan Syed

Toronto, ON | (647) 606-4534 | ziasyed2000@gmail.com | Canadian Citizen

Education

Seneca College | Toronto, ON

Honours Bachelors, Software Development - GPA 3.30

September 2020 – Present

Expected Graduation, May 2024

Skills

Programming: JavaScript, Angular, React, Express.js, Python, C/C++, SQL, Node.js, Vue.js, Three.js

Software: AWS, Android Studio, MATLAB, GIT

Professional Organizations: Data Science & Machine Learning at Seneca

Experience

Sephora | Toronto, ON

June 2021 – September 2021

Operations Consultant

- Designed a Server Monitoring application using React & Express to visualize Server Load with anomaly detection.
- Revamped Legacy Front-End Components by porting over to React, improving performance by 40%.
- Conducted a website test using Load Ninja, finding slowdowns to improve web experience, saving 2 seconds on average.
- Reconstructed UI components to standardize them with the current codebase, reduced debugging time by 25%.
- Evaluated eCommerce listings to ensure they don't impede performance, optimized listing related slowdowns by 10%.

Crypto-Arsenal | Remote

June 2020 – June 2021

Algorithm Developer

- Implemented finance algorithms using Python & Exchange APIs to process orders in milliseconds with custom alerts.
- Optimized existing trading algorithms to improve market data processing, reducing delays by 50%.
- Designed a new Trading Dashboard using JavaScript to display current & past executed orders, replacing the need of logs.
- Engineered new strategies to improve the ROI of the algorithms, increasing capital growth by 15%.

David Leyes Photography | Toronto, ON

January 2018 – April 2018

Automation Technician Intern

- Automated the Camera-to-Editor workflow by connecting Adobe Lightroom directly to the Camera.
- Designed a Photo Editing script which automatically edits photos using custom presets, reduced editing time by 30%.
- Implemented Auto-Camera Flash occurrence based on current Studio Lighting which promoted less equipment setup.

Projects

Hand Optics | A Sign Language Detector

Summer 2021

This project aims to introduce disabled individuals to communicate effectively by using "American Sign Language" where it gets interpreted to English words on-screen.

- Designed a camera output stream dashboard using React, which displays the object's detected on-screen.
- Implemented pre-trained TensorflowJS Python models stored in AWS S3, to detect the Hand Sign on every camera frame.

Two Way | A Sign Language Detector

Summer 2021

This project is designed to allow people to quickly chat without any delays, with custom chat rooms and alias support. The chat history does not get saved, so the messaging can be anonymous.

- Created a chat messaging UI using JavaScript, with beautiful room designs which allows users to enjoy the experience.
- Designed the messaging Backend using SocketIO & Express framework, promoting instantaneous messaging.

Certifications

AWS Certified Cloud Practitioner

in Progress