

SYED FARHAN AHMED

[in LinkedIn](#) | [587-429-2379](tel:587-429-2379) | syedfarhanahmed.vercel.app | syed.ahmed6@ucalgary.ca | [GitHub](#)

Skills

- C | C++ | HTML/CSS | Dart | C# | MySQL | Java | Python | Tailwind CSS | JavaScript | Haskell | Bootstrap | Linux | jQuery
- Node | Express | MongoDB | PHP | Spring boot | Docker | Django | Azure | AWS | Unit Testing | React | Git | Blazor
- RESTful APIs | Agile/Scrum | Front-end | UI/UX | Full-Stack | Figma | Adobe Lightroom | Data Science | NoSQL | Assembly

Experience

Software Developer Intern

Gordian 

Remote, Calgary, AB 09/2021 – 04/2022

- **Single-handedly developed** the primary product that effectively processed data worth **30 million USD** annually
- Utilized **Python** to refactor source code, resulting in enhanced **scalability** and **improved design**
- Developed a **proof-of-concept** product in **Python** using **pandas library**, **optimized** processing with **efficient data structure**
- **Presented and communicated** new features in stakeholder meetings
- Produced **technical and user documentation** for the contributed features and maintained **version control** using **Azure**

Education

Bachelor of Science

University of Calgary

Calgary, AB 09/2018-06/2024

- Major in Computer Science with **Science Internship Designation**

Projects

NEXTCITY | Github

- Developed a city focused weather application using **React**, **Tailwind CSS** and multiple **API endpoints**, [Live Demo](#)
- Designed and build a **city search feature** that allows users to search a city and see nearby **restaurants** utilizing **geocoding**
- Implemented a **dynamic background imagery** feature that seamlessly adapts to various available cities

REVIEWSCORE+ | Github

- Using **Java**, **Spring-boot**, **React** and **MongoDB** developing a full stack web application that **leverages user reviews** to build **confidence** for each youtube channel focused on product reviews
- Utilized **Python automation** and Youtube API to generate an accurate **JSON data pipeline** of tech product channels
- Integrated **Natural language processing (NLP)** API to compute a sentiment value for each user review
- Implemented **asynchronous task function** to calculate each channel's confidence measure periodically to reduce **API latency**

AIRCRAFTS MANAGEMENT | Github

- Utilized the **Go** programming language to construct a **RESTful API** featuring endpoints for Aircraft detail management, seamlessly integrated with **MySQL database**

TICTACTOE GAME | Github

- Developed an interactive Windows CLI game of noughts & crosses, implemented the **Minimax algorithm** for the computer player, and optimized tree evaluation with **alpha-beta pruning** in the **C programming language**

LOST PET FINDER | Github

- Collaborated with 4 team members to design and develop a full **MERN** stack web application to generate social traffic and help search lost pet
- Used **sprint planning and agile methodology** to maximize productivity of the team. Implemented **JWT authentication** for **React** with login and logout functionalities. Used **Material UI** for a professional and modern user authentication process

Others

- Cambridge Advanced Level (Certification)
- Upwork Freelance with a 100% success
- University Film Photography & Car club
- Retail/Barista work experience