SYED FARHAN AHMED

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Skills

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

- Developed a city focused weather application using **Tailwind CSS**, **React** and multiple **API endpoints**, **Live Demo here**!
- Curated a **user-centric** experience that is modern and responsive across devices
- Implemented a **city search feature** that utilizes **geocoding service** to display weather information and nearby restaurants
- Developed a **dynamic background imagery** feature that seamlessly adapts to various available cities

REVIEWSCORE+ [in progress]

- Using technology stack: **Java, Spring-boot, React and MongoDB**, link to backend Github
- A **full-stack application** that **leverages user reviews** to gauge **confidence** for YouTube channels focused on product reviews
- Employed **Python automation**, in conjunction with the YouTube API, to generate a **JSON** data pipeline
- Integrated a **Natural language processing (NLP)** API that computes **sentiment values** from review text inputs
- Implemented **asynchronous** background tasks for **API efficiency** and **reduced latency**

AIRCRAFTS-API

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

TICTACTOE-AI

- Developed an interactive Windows CLI game of noughts & crosses, incorporating the **Minimax algorithm** for the computer player, while optimizing tree evaluation through the utilization of **alpha-beta pruning** in the **C programming language** Github

PET FINDER

- **Collaborated with 4 team members** to design and develop a full **MERN** stack web application to generate social traffic and help search lost pet
- Split work utilizing **sprints and agile/scrum methods**. Implemented **JWT authentication** for **React** with login and logout functionalities. Used **Material UI** for a professional and modern user authentication process Github

Others

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