





Syed Farhan Ahmed

 My LinkedIn |  syedfarhanahmed.ca |  syed.ahmed6@ucalgary.ca |  My Github

Skills

Programming Languages	Python · Java · C/C++ · Haskell · JavaScript · Assembly · C# · Go · HTML/CSS
Technologies/Frameworks	Spring boot · React · Express.js · Node.js · Tailwind CSS · Blazor · Django · AWS · Git · Azure · Postman · Material UI WordPress CMS · C-panel · Flutter
Databases	MongoDB · MySQL · dB SQLite

Education

University of Calgary

September 2018 – April 2024

BACHELOR OF SCIENCE IN COMPUTER SCIENCE with Science Internship Designation

- **Science Mentorship program:** Supporting first year student in their professional and academic domains through active facilitation of their participation in networking events, fostering engagement in software development programs and valuable academic opportunities.

Experience

GORDIAN

September 2021 – April 2022

SOFTWARE DEVELOPER INTERN

- **Single-handedly developed** the primary product that effectively processed data worth **30 million USD** annually.
- Refactored source code, resulting in enhanced **scalability** and **improved design** delivering an improved user experience.
- Implemented new **data analytics** features using Python libraries for the production product.
- Developed a **proof-of-concept** product in **Python** utilizing **pandas** library, **achieved efficient and quick data** processing times.
- **Presented and communicated** new features in stakeholder meetings.
- Produced **technical and user documentation** for the contributed features.
- Utilized **Natural Language Processing (NLP)** to preprocess data for ongoing projects.

Projects

NEXT CITY

<https://github.com/nkouki98/weatherreact> | Live

- A web application that allows to **search cities** and look at **latest weather updates and nearby restaurants**.
- Implemented a **dynamic background imagery** feature that seamlessly adapts to various cities.
- Utilized **React, multiple API endpoints and Tailwind CSS** to develop the application providing interactive and a user-centric experience.

REVIEWSCORE+

<https://github.com/nkouki98/ReviewScoreplus>

- A **RESTful API in Spring boot & Java** backend that leverages user reviews to **build confidence** for YouTube channels focused on tech products.
- Employed **Python automation** to generate an accurate **JSON data pipeline** of tech review YouTube channels.
- Integrated **Natural Language Processing (NLP)** API to compute a sentiment value for each user review generated.
- Implemented **background task** to calculate each channels overall confidence measure periodically.

AIRCRAFTS MANAGEMENT

<https://github.com/nkouki98/Go-RestfulAPI>

- Developed a **RESTful API featuring endpoints** for Aircraft detail management and utilized **MySQL for database operations, utilized Go programming language**.

TIC-TAC-TOE AI

<https://github.com/nkouki98/TicTacToe-C>

- Developed an interactive Windows CLI game with **Minimax algorithm** implementation for the computer player. Optimized tree evaluation using **alpha-beta pruning** technique. This was done in **C programming language**.

KIDS INTERACTIVE APP

<https://581-projects.webflow.io/>

- **Closely collaborated** with team of 4 to design an interactive and purposeful application for 10–12-year-old children.
- Researched similar applications to understand design choices, contributed with sketches/ideas and helped implemented selected features using **HTML, CSS and JavaScript**.