Syed Farhan Ahmed

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EDUCATION

University of Calgary — Calgary, AB
Bachelor of Science in Computer Science with Science internship designation — *Sep - 2018 - May 2024*

EXPERIENCE

Software Developer Intern — June 2020 – Present
Gordian — *Remote, Calgary*
- Developed and maintained a primary application processing 30 million USD annual data and achieved a 46% code reduction through refactoring.
- Implemented data analytics features using Python a utilized NLP for data processing in ongoing projects on average 4000-5000 rows of data.
- Developed and demonstrated a Python proof-of-concept product and communicated new features in stakeholder meetings.
- Streamlined product documentation concerning both future developers and users utilizing Azure services.

Undergraduate Researcher — Dec. 2023 – Present
University of Calgary HCI Lab — *Calgary, AB*

PROJECTS

City escapes and weather | *React, TailwindCSS, RapidAPI*
- Developed a web application utilizing third-party services and API, that lets users search weather for cities and see nearby top restaurants.
- Implemented a dynamic background imagery feature that seamlessly adapts to various cities.
- Visualized GitHub data to show collaboration
- Crafted application with search function, reload icons, navigation, and imagery to provide a rich user-centric experience and improved UX.

Mad Minute Compounds | *Glitch, JavaScript, HTML, CSS*
- Collaborated with a team of 4 to sketch and develop a user-friendly and interactive children's application.
- Led idea variations and development of application, received 100% positive feedback on novelty and user-experience.
- Implemented a key feature to let users track number of chemical elements created with a reset button.

Reviews Scored | *Spring boot, Java, Rapid API, MongoDB*
- Developed a REST API that calculates a confidence metric from user generated reviews.
- Integrated NLP processing to compute sentiment values for each user review generated.
- Employed Python automation retrieve an accurate JSON data pipeline for appropriate tech YouTube channels.

Bulk Buddies | *Python, Flask, React, Tailwind CSS, db SQLite*
- Collaborated with a team of 4 to create and develop an effective solution to bulk food waste problem in 24 hours.
- Contributed to the development of a core feature called "Catalog" that handles user reservations of food items through an interactive and friendly user interface.
- Integrated front end to back end API.

CalCare | *Blazor, C, Visual Studio*
- Collaborated with a team of 5 to address and solve medical software solution.
- Gathered user requirements and experiences from local clinics with my team members.
- Contributed to overall design of the application with data validation features.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, HTML/CSS, Go, C, PHP
Frameworks: React, Node.js, Flask, JUnit, WordPress, Material-UI, Tailwind CSS, Django, Spring boot
Developer Tools: Git, AWS lambda, Azure, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse
Libraries: pandas, NumPy