



QAZI SABOOR ALI

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WEBSITES, PORTFOLIOS, PROFILES

- <https://qazi-saboar-portfolio.netlify.app/>
- <https://www.linkedin.com/in/qazi-saboar-ali-231aa4292/>
- <https://github.com/QaziSaboar>

EDUCATION

Bachelor of Science in Engineering: Software Engineering
University of Calgary - Calgary, AB

- 3.8 GPA
- Dean's List 2023-2024

Expected in 09/2025

EXPERIENCE

Data Analyst / Geothermal Energy Research Group University Of Calgary - Calgary, AB

05/2023 - 08/2023

- Developed and improved the physics-based model SoftSensor to analyze data for geothermal energy drilling operations using Python libraries including matplotlib, numpy, pandas.
- Adopted a peer programming approach to attain knowledge, exchange ideas, and collaborate closely using Git and GitHub for version control.
- Facilitated a more efficient and effective workflow, promoting better code quality and problem-solving skills.
- Analyzed the real-time drilling data and the comparison of SoftSensor predictions with actual measurements.

PROJECTS

Java Application (Pet Task Scheduler)

- Developed a Java-based pet scheduler application using strong Object-Oriented Programming (OOP) principles, featuring a user-friendly Graphical User Interface (GUI).
- Worked effectively in a four-member team to successfully deliver the project.
- Prioritized modularity, code cohesion, and loose coupling for a maintainable and readable codebase.
- Utilized SQL for efficient data management and conducted thorough testing to ensure reliability and functionality.
- Demonstrated proficiency in Java, SQL, UML, Git/GitHub, and GUI development while solving complex pet scheduling challenges.

Note Taking (full stack Mern Application)

- Implemented a secure authentication model using JWT for user login and sign-up functionalities.
- Utilized Bcrypt methodology to ensure data security and protect user information within the app.
- Integrated the server-side functionalities using Express.js, allowing seamless communication with the database.
- Developed a dynamic and intuitive front-end using React, resulting in an enhanced user experience.
- Conducted extensive testing using Thunder Client, ensuring the reliability and efficiency of the APIs

SKILLS

- | | |
|------------------------------|------------------|
| • Python | • GIT AND GITHUB |
| • JAVA. | • SQL |
| • C++ | • MONGO DB |
| • REACTJS: | • EXPRESSJS |
| • TAILWIND CSS AND BOOTSTRAP | |

AWARDS

University Of Calgary International Undergraduate Competitive Students Award 2022
University Of Calgary International Undergraduate Award 2023
Schulich School of Engineering Summer Research Award (May 2023 - August 2023) .
First Year Scholars University Of Calgary

CLUBS AND CERTIFICATES

Schulich Student Mentorship Program Certificate
Ask an Upper Year Club (University Of Calgary Club) - Seminar Commissioner
AC Robotics (University Of Calgary Club) - Sumo Bots:
· Sumo-bot from scratch · Robotics Control Systems · Arduino (Programming Language)
Tech Stewardship Practice Certificate
Engineering Leadership Certificate Program
Innovation and Core Concepts of Engineering Entrepreneurship Certificate