

SULTAN ARAFAT

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EDUCATION

University of Calgary
Bachelor of Science in Computer Science (4th Year)

Sept 2017 – May 2022

RELEVANT COURSES-

Engineering Large Scale Analytics Systems | Computer Networks | Algorithm and Data Structure Design | Software Analysis and Development | Computing Machinery | Principles of Operating Systems | Database Management | Statistics.

SOFTWARE SKILLS

- Java
- Python/Spark
- HTML/CSS/BOOTSTRAP
- Hadoop
- JavaScript/React.
- MySQL
- Haskell
- MS Word

PROGRAMMING PROJECT EXPERIENCE

Taxi Trip Prediction (Course project)

Sept 2021-December 2021

- Used Python and Spark to scrape, clean and analyze the historical data of taxi trips.
- Used historical taxi trip times to predict ride durations by applying various machine learning algorithms
- Improved performance, accuracy and quality of the program by using several machine learning modelling techniques

Ecommerce Website (Personal project)

April 2021-June 2021

- Built a responsive ecommerce website for students using HTML, BOOTSTRAP, CSS, JAVASCRIPT AND PHP for buying and selling academic books or other school related products.
- Created and developed database functionality like SQL queries to retrieve and validate data from the database.

Scholarship Management System (Course Project)

January 2020 - May 2020

- Designed a dynamic and interactive web-based scholarship management system using HTML, CSS, and JAVASCRIPT as programming tools to assist with the scholarship awarding process for both admin and students.
- Implemented unit testing to debug and improve the functionalities of the system.
- Utilized the SCRUM method for project management.

INTERPERSONAL SKILLS

- **Communication & Interpersonal Skills**-Interacted with managers and customers daily to ensure accurate delivery of information.
- **Team player**-Collaborated on several computer science projects and took a leadership position in some projects
- **Multi-task/time management**-Maintained a part-time job and simultaneously managed full course load
- **Problem solving**-Evaluated and debugged codes when working on assignments and projects to find bugs and provide the desired solution.
- **Strong work ethic**- Worked in multiple positions without compromising attention to detail and delivered excellent customer service
- **Desire to learn new things**-Learned different programming languages to work with several projects and assignments.

WORK EXPERIENCE

Walmart

(Calgary, Canada) 2019 – Present

- Promoted company sponsor programs, i.e., credit card service
- Achieved high sales quotas consistently by communicating the benefits of credit cards in an authentic and informative manner while ensuring quality service

OSL Bike Maintenance

(Calgary, Alberta, CA) 2018 – 2019

- Learned how to solve the mechanical problem related to bikes and able to assist customers effectively with their queries. Worked on more than 20 bikes per day.
- Demonstrated discipline and ability to work in a fast-paced environment by meeting daily quotas for the number of bikes assembled.

COMMUNITY SERVICE

UCMAS ABACUS AND MENTAL MATH SCHOOL

Helped children and parents to understand the benefits of knowing abacus and taught about a variety of science topics. Also, involved in planning and organizing the event.

JAAGO FOUNDATION (Nonprofit organization in Bangladesh)

Raised \$10,000 funds for children deprived of education and suffering from poverty. Also, motivated the team members and helped to organize the event.

YOUTH VOICE OF BANGLADESH (Nonprofit organization in Bangladesh)

Distributed clothes and blankets to people suffering from poverty and raised \$7,000 funds for the treatment of malnourished children.