Zawaad Mahbub Shah
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https://zmshah.github.io/Portfolio/

Objective

To obtain a job or internship that helps me utilize my current skills and develop new skills in a professional environment.

Education

- Master of Science, Minnesota State University Mankato, MN
  Major: Information Technology
  Graduation Date: May 2022 (GPA: 3.83)
- Bachelor of Arts, Augustana University, Sioux Falls, SD
  Major(s): Computer Science, Computer Information Systems
  Graduation Date: May 2020 (GPA: 3.58)

Skills

- Programming skills: Java, HTML5, CSS3, JavaScript using jQuery library and React.js framework, SQL, MySQL, PHP, C#, ASP.NET Framework, R
- Office Skills: Microsoft Excel, Microsoft PowerPoint, Microsoft word, Microsoft Access
- Customer Service
- Photoshop
- Sketching and painting

Relevant Coursework

Undergraduate Coursework: Computer Science 1, 2 and 3(Java), Advanced Data Structures (Object Oriented Programming), Software Engineering (Software Development Life Cycle, Waterfall and Agile development methodologies), Computer Organization, Operating Systems, Data Analytics(R), Theory of Computation, Website Development and Design (HTML5 and CSS3), Management Information Systems 1 and 2, Principles of Management, Principles of Marketing, Project Management

Graduate Coursework: Database Management Systems, Web Application Design and Development, Advanced Object-Oriented Programming with Design Patterns, Software Quality Assurance and Testing

Projects:
- Vehicle Rental Database System. Worked in a team of 5 and used SQL scripting for creating and managing a database for a fictional vehicle rental company on SQL Server Management Studio. The database was ported to MySQL and created a simple web application using PHP. https://github.com/zmshah/Vehicle-Rental-Database
- Expenses Tracker web application using JavaScript with the React Framework for the front-end. https://github.com/zmshah/expense_tracker_react
- Scheduling system for Augustana University Campus health services using Google Calendar for

appointment management and Java for parsing calendar files to be read in excel as part of a Software Engineering group project. Primary responsibilities involved designing the system architecture and testing the scheduling system on Google Calendar.
https://github.com/zmshah/Googlizer

- Data Visualization and Analysis of video game sales between the years 1980-2016 using R scripting language and RStudio. Final research paper includes charts and statistics as well as detailed analysis on sales patterns.
https://github.com/zmshah/Video-Game-Sales-Project-Workbook
- Blackjack console program with one player and one dealer using Java.
https://github.com/zmshah/BlackJack
- Calculator console program that does addition, subtraction, multiplication, division, and square root of 2 operands using Java.
https://github.com/zmshah/Simple-Calculator
- Tic-tac-toe console application using Java.
https://github.com/zmshah/TicTacToe

Portfolio Link: Click here or the link at the top to view my portfolio

Leadership and Work Experience

Resident advisor (Viking advisor) at Augustana University August 2018-May 2020 employed by Augustana University Campus Life. Primary responsibilities included

- Serving as a representative of the University
- Developing and fostering a community by managing a residence floor of students.
- Encouraging diversity and inclusion through floor events and activities.
- Working as a team with other Floor advisors and individually to enforce university policies
- Performing on-call tasks on rotation with other floor advisors.
- Assisting campus life with administrative tasks including opening and closing procedures of residence communities, regular reports, and semester check-ins.

Sales associate at Macy's Sioux Falls September 2017-March 2019. Primary responsibilities included:

- Providing excellent customer service and assisting customers with purchases, questions regarding products and credit cards.
- Making sales, operating cash registers, managing transactions and opening new credit accounts.
- Assisting managerial staff with merchandising tasks and maintaining products.

Interned at SMEC International Pvt Ltd. Dhaka Office IT department as an ICT Trainee for a month in July 2015 as part of a school assigned work experience assignment. Responsible for assisting IT staff with computer maintenance, software troubleshooting, office LAN, opening and closing support tickets and data entry

Collegiate Involvement, Honors and Other

- Recognized on Augustana University Dean's list
- Member of Augustana University Computer Science Club
- Member of Augustana University International Club
- Member of Augustana University Asian Student Organization