

Zawaad Mahbub Shah
Phone: 605-728-1262
zawaad.shah@mnsu.edu
zawaad.mahbub@gmail.com
<https://zmshah.github.io/Portfolio/>

Objective

Current master's student at Minnesota State University's Information technology program. I am looking for a position as a software developer where I may apply and improve my current skills, learn new technologies, and gain professional experience. I am proficient in object-oriented programming and I hope to utilize my skills in Java and C# to design, build and maintain products as per the client requirements. I am also skilled in web design using HTML, CSS and JavaScript as well as database scripting and tools using both SQL and MySQL.

Education

- Master of Science, Minnesota State University Mankato, MN
Major: Information Technology
Expected Graduation Date: May 2022
Current GPA: 3.83
- Bachelor of Arts, Augustana University, Sioux Falls, SD
Major(s): Computer Science, Computer Information Systems
Graduation Date: May 2020
Graduation GPA: 3.58
- High School degree: Aga Khan School, Dhaka
Cambridge International General Certificate of Secondary Education (IGCSE) O level Grades 9-10
Cambridge General Certificate of Education (GCE) A level Grades 11-12

Skills

- Programming skills: Java, HTML5, CSS3, JavaScript with jQuery library and React.js framework, SQL, MySQL, PHP, C# with ASP.NET Framework, Unity, 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 we 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

Office assistant at the Center for Excellence in Teaching and Learning (CETL) at Minnesota State University Mankato, MN February 2021-present. Responsibilities include:

- Providing support to the center and office coordinator with tasks and projects
- Assisting with research
- Greeting faculty and students
- Organizing files for the center
- Performing day-to-day administrative tasks

Resident advisor (Viking advisor) at Augustana University August 2018-May 2020 employed by Augustana University Campus Life, Sioux Falls, SD. 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
- 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, SD September 2017-March 2019. Primary responsibilities included:

- Providing customer service, assisting customers with purchases and product related questions
- Making sales, operating 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 a Trainee for one month in July 2015 as part of a school assigned work experience assignment. Tasks included assisting IT staff with computer maintenance, software troubleshooting, office LAN, opening and closing support tickets and data entry.

Website: www.smec.com

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
- Daily Star award for academic excellence, Dhaka

References

- Erin Kane: International student advisor
 - Associate Director of International Programs
 - Augustana University, Sioux Falls, SD
 - Phone: 6052744046
 - Email: ekane@augie.edu
- Samantha Kibbish: Supervisor
 - Assistant Director of Campus life
 - Augustana University, Sioux Falls, SD
 - Phone: 6507041473
 - Email: skibbish@scu.edu
- Chelsea "Chaye" Deutsch: Supervisor
 - Assistant Director of Campus life
 - Augustana University, Sioux Falls, SD
 - Phone: 9403675353
 - Email: chayeddeutsch@gmail.com

Certification:

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience. I understand that any willful misstatement described herein may lead to my disqualification or dismissal, if engaged.

Zawaad Mahbub Shah