Aisha Ahmed

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EDUCATION

Metropolitan State University   **December, 2021**
BS Computer Science   *St. Paul, MN*
- 3.9/4.0 GPA
- Relevant Coursework: Distributed and Cloud Computing; Parallel and Distributed Algorithms; Operating Systems; Networks and Security; Organization of Programming Languages; Object-Oriented Design; Database Management Systems; Algorithms and Data Structures

PROJECTS

Emulator as a Service
- A Node Js Nintendo Entertainment System emulator with read only memory storage.
  - https://github.com/n-okonek/ICS-499
- Designed and built data structure of application in MySQL using best practices.
- Created Models in backend service and exposed RESTful endpoints with Express.
- Used Sequelize as ORM to interact with MySQL DB.

Essential Piece Fitness
- A Remix React app built with Sanity as a headless CMS.
  - https://essentialpiecefitness.com/
  - https://github.com/EssentialPiece/DigitalChannel_EssentialPiece
  - https://github.com/EssentialPiece/DigitalChannel_SanityStudio
- Worked with a Senior developer to build a personal training site for a client.
- Helped with solution design to identify appropriate technologies to use for the specified use-case.
- Connected React app to Sanity GraphQL APIs to pull dynamic content.
- Design implemented with a Mobile-First approach.

Alarm System
- A finite state machine JavaFx desktop application that mimics a home alarm system.
  - https://github.com/jackhenry/ICS372GroupProject2
- Created state objects with event consumption functions.
- Created event handler to consume event and pass to the appropriate state object event handler.

WORK EXPERIENCE

Normandale Community College   **January 2018 – May 2018**
Peer Tutor   *Bloominigton, Mn*
- Planned and led group study sessions for Intro to Chemistry students.
- Provided guidance and mentorship to students.

SKILLS & INTERESTS

- **Skills :** Java; Python; SQL; C#; JavaScript; CSS; HTML; JavaFx; Node Js; Express; Sequelize; ORM; REST; .Net; GCP; AWS; Unit Testing; JustMock; React; Bootstrap
- **Interests :** I love cats, in fact I have three of them. I also love baking all sorts of sweets such as cinnamon rolls, moon cakes, and mandazi. Most of all I love learning new things. My latest endeavor is learning Azure.