Shafin Alam

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https://github.com/SharkFinn3 | https://sharkfinn3.github.io/ | https://www.linkedin.com/in/shafin-alam-573134238/

EDUCATION

The Ohio State University   Columbus, OH
Bachelor of Science in Computer Science 3.4/4.0   Expected May 2024
Relevant Coursework: Data Structures and Algorithms, Software Components, Software Development and Design, Discrete Structures, Funcamentals of Engineering I & II, Object-Oriented Programming, Software Engineering, Database Systems, Web Development, Operating Systems, Linear Algebra, Low-Level Programming

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TECHNICAL SKILLS:

Programming Languages: Java, , Javascript, HTML/ CSS, Python, C/C++, MATLAB, SQL, Ruby, x86-64 Assembly
Software: Eclipse, Visual Studio Code, Jira, Ubuntu, Linux, Unix, SolidWorks, GitHub, Node.js
- Agile Development Methodologies
- Problem-solving and Analytical/Critical-Thinking Skills
- Very Detail Oriented with Strong Collaboration and Teamwork Abilities

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WORK EXPERIENCE

Law Offices of Ajmeri Hoque   *Office Assistant Nov 2021- Jan 2023*
- Headed office operations, scheduling meetings for 28+ partners, attorneys, and paralegals
- Attended 100+ weekly stand-up meetings to receive tasks and instruction for weekly goals
- Drafted 11+ types of legal documents and client communication forms, including affidavits, deposition notices, case pleadings, and subpoenas

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TECHNICAL PROJECTS

Pinball Machine (Academic) | C, x86-64 Assembly
- Developed a pinball machine simulation utilizing features such as structures, dynamic & static memory allocation, linked lists, file I/O, command line arguments, and a playable bonus mode
- Built & maintained code using makefile targets, strictly adhering to function declarations and visibility rules

Halal Website (Personal) | HTML, CSS, Javascript, Ruby on Rails
- Designed and implemented front-end user interface, creating a visually appealing interface for users to search for Zabiha (halal) restaurants locally in Columbus, OH, and add their own favorites.
- Developed back-end functionality using a combination of a server-side language (Python) and a database (MySQL) to store and retrieve restaurant information, such as address, contact details, and user reviews.

Natural Number GUI (Academic) | Java
- Utilized Swing framework and components with model-view-controller design pattern to develop Java-based calculator with graphical user interface, providing users an interface to perform operations on natural numbers
- Implemented error handling and validation to provide users with informative messages with invalid input.

Game of Set (Academic) | HTML, CSS, Typescript
- Designed and implemented the front-end user interface using HTML, CSS, and TypeScript, ensuring a visually appealing and intuitive gameplay interface for a digitalized version of the popular game of Set.
- Implemented multiplayer functionality, allowing users to compete against each other in real-time through WebSocket communication.
- Collaborated with a team of 6+ using Git to meet project deadlines and gain collaborative skills

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Leadership and Involvement:

Member, OSU Cyber Security Club, 2021 - Present
- Attended CTF where teams attempt to capture flags by solving security-based problems
Member, OSU Game Development Club, 2022 - Present

Achievements:

- Dean's List, The Ohio State University, 2022-Present
- Full Ride Land Grant Scholarship, The Ohio State University, 2021-Present