Lucas Ma

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Education

Texas A&M University, College Station   May 2024

Bachelor of Science in Computer Science

GPA 3.835

Relevant Coursework: Data Structures, Algorithms, Discrete Structures, Computer Organization, C++, Programming Studio, Operating Systems

Personal Portfolio: https://lucasman223.github.io/portfolio/

Projects

Volleyball Statistics Tracker | Java, SQL   October 2022

- Developed a simple user interface that connects to a SQL database and computes volleyball statistics
- Project taught basics of SQL and java GUI frameworks as well as java-SQL connection practices

Portfolio Website | html, CSS, JavaScript   August 2022

- Planned, built, and deployed a dynamic, personal website showcasing my resume and hobbies
- Implemented CSS and JavaScript to create a modern-style display that flows smoothly

Howdy Hub | Python, html   September 2021

- Developed a website that connects students in classes to personalized group chats
- Implemented a script that accesses data from A&M class database to ensure every class and section has an individual group chat

Dungeon Crawler | C++   March 2021

- Recreated a simple dungeon crawler game using a text-based interface
- Project taught proper memory allocation and deletion techniques in low level programming languages

Experience

Tamu Hack   September 2021

- Collaborated with 3 students to create a A&M themed project in 24 hours
- Brainstormed, planned, and developed a working website that creates and distributes personalized group chats to every class at A&M

SEC Directed Internship   July 2021 – August 2021

- Collaborated with 4 students to produce a product design that was presented to a committee of professors and professors of practice
- Proposed a service that helps onsite workers showcase machinery and environmental hazards to remote employees using augmented reality

Skills

Languages: Python, Java, SQL, C++, html, JavaScript, Microsoft Office

Involvement

Texas A&M Filipino Student Association (PHILSA), TAMU Club Volleyball Captain