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Education

Iowa State University, Ames, IA
Bachelor of Science
Management Information Systems
GPA: 3.22/4.00

Fall 2019 - Spring 2024

Projects

Campus Events

- Led a team of 5 people to develop a campus event organizer web application using HTML, CSS, and JavaScript for the frontend, with Flask and Python for the backend.
- Created functionality for a calendar, which users can create and add events to.
- Implemented the ability for users to RSVP and view events that they have registered for.
- Added discussion boards to each calendar event, where users can send messages to each other.
- Voted 'Best Overall Project' in a class competing against 7 other groups.

Online Retro Arcade

- Worked with a team of 6 people to develop a retro arcade web app using a React frontend and a Node.js backend.
- Implemented the functionality of a user being able to register for an account while keeping passwords secure.
- Developed fully functioning clones of Frogger, Pong, and Snake that would save high scores to a user's account, as well as a global leaderboard.
- Utilized project development tools and methodologies such as Agile and DevOps to develop features in successive 2-week sprints.

Technical Skills

Languages

- Python, Java, C, C++, HTML, CSS, JavaScript, SQL

Frameworks and Libraries

- Flask, Django, React, Node.js, Spring, SpringBoot

Tools

- Git/GitHub, CI/CD, Windows/Mac/Linux, MySQL, AWS, Object Oriented Development, Data Structures and Algorithms, Relational Databases, Agile, DevOps

Work Experience

Iowa State University Recreational Services, Ames, IA

April 2021 - Present

Lifeguard

- Supervised pool activities and ensured safety of patrons by enforcing policies and procedures.
- Utilized technology to communicate, schedule, and check safety protocols at the pool.
- Developed leadership skills to take action, prioritize, and make decisions on-stand.

Clive Aquatic Center, Clive, IA

May 2018 - August 2022

Lifeguard

- Cultivated a safe and fun swimming environment for over 800 guests per day.
- Utilized problem solving skills on the job to provide a great experience for guests.

Honors

Iowa State University Dean's List Spring 2023 - Spring 2024
Iowa State Forever Scholar Scholarship