

Education

Iowa State University, Ames, IA
Bachelor of Science
Management Information Systems
GPA: 3.54/4.00 (Major)

Fall 2019 - Summer 2024

Projects

Portfolio Website

github.com/samboerner/portfolio

- Designed and developed a personal portfolio website using HTML, CSS, and JavaScript.
- Implemented a backend using Python and the Flask framework to handle POST requests, store form submissions in a database using SQLite3, and automate sending emails using Flask Mail.
- Utilized responsive design techniques to ensure that the website displayed and functioned correctly on a variety of devices.
- Deployed the website using Elastic Beanstalk and Code Pipeline on AWS.

Playlist Converter

github.com/samboerner/playlist-converter

- Developed an app using Python that allows a user to convert and transfer any playlist in between Spotify and YouTube.
- Implemented the use of the Google Cloud Platform, as well as APIs from Spotify and YouTube.

Technical Skills

Languages

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

Frameworks and Libraries

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

Tools

- Git/GitHub, CI/CD, Windows/Mac/Linux, VSCode, Eclipse, IntelliJ IDEA, MySQL, AWS, Object Oriented Development, Relational Databases, Agile, DevOps

Work Experience

Iowa State University Recreational Services, Ames, IA

April 2021 - Present

Lifeguard

- Upheld a safe pool environment for patrons, as well as utilized collaborative problem-solving with co-workers through Emergency Action Plans, both life-threatening and non-life-threatening.

Clive Aquatic Center, Clive, IA

May 2018 - August 2022

Lifeguard

- Ensured and maintained the safety of over 600 patrons daily, as well as worked with co-workers in both life-threatening and non-life-threatening emergencies.

MercyOne Health and Fitness Center, Clive, IA

July 2017 - May 2021

Lifeguard

- Assisted the elderly and patrons with disabilities by maintaining an environment that ensured their safety.

Honors

Iowa State University Spring and Fall 2023 Dean's List

Top 2% in the College of Liberal Arts and Sciences as of Spring 2020

Iowa State Forever Scholar Scholarship