RYAN SORENSEN

Software Engineer

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🐙 https://21sorensenr5.github.io/

PROJECTS

Outdoor Pros Website
Website Creator

📅 December 2024 - current
- Utilize React for front-end and MongoDB for back-end to create a social media website geared to outdoor enthusiasts
- Implemented Secure User Authentication using JSON Web tokens (JWT)

Drone Safety Certificates for the Cloud Application Build
Back-end Developer

📅 January 2025 - current
- Utilize MongoDB to create Safety Certificates for drone flight and sending them to a database via the Cloud
- Required collaboration with the end client to gather requirements and demo and validate the build

Hidden Harmony Mobile App
UX Application Developer

📅 Fall semester 2023
- Co-created an anonymous dating app in Android Studio
- Leveraged RESTful API's to allow for the interaction with other users
- Implemented UI/UX design principles to create a clean, cohesive user interface

RELEVANT EXPERIENCE

Advanced Programming Techniques
Iowa State
- General C and C++ programming knowledge
- Built rainfall flood simulation engine

Data Structures and Algorithms
Iowa State
- Recursive sorting algorithm design and implementation
- Understanding of complex linked structures

CAREER OBJECTIVE

Computer Science graduate *(candidate: May 2025)* with a foundation in programming, software and web development and IT infrastructure. Seeking an opportunity to leverage my technical & problem-solving skills and my knowledge of Tines workflows to enhance security and IT operations, streamline workflow process and drive efficiency in a dynamic IT environment.

EDUCATION

Bachelor of Science
Computer Science
Iowa State University

📅 August 2021 - May 2025
📍 Ames, Iowa

SKILLS

- C/C++
- Java
- UI/UX design
- Algorithm development
- MongoDB
- Tines SOAR Automation

CERTIFICATIONS

- Tines Core Certification - *January 2025*
- Tines Advanced Certification - *January 2025*
- AWS Cloud Practioner - *In Process*