

# Austin Stierman

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## EDUCATION

**The University of Iowa**, Iowa City, IA

May 2027

**Bachelor of Science in Computer Science**, Minor in Business Administration

- GPA: 4.12/4.00
- Relevant Coursework: Data Structures, Algorithms, Software Development, Operating Systems

## WORK EXPERIENCE

**Software Engineer Intern**

May 2025 - Present

*MidAmerican Energy Company – Des Moines, IA*

- Used Azure Functions and Storage to trigger a .NET backend that transformed geospatial data into a SQL-compatible format for spatial analysis
- Built a React-based frontend with search functionality for querying and displaying GIS inspection and condition data on a map and table
- Collaborated with cross-functional teams to enhance performance and UX across the stack

**Business Analyst Intern**

May 2024 – May 2025

*Iowa Department of Transportation – Ames, IA*

- Collaborated with stakeholders from Finance, HR, and Warehouse Management to gather requirements and execute their IT needs
- Utilized Workday databases to collect and analyze large datasets, providing insights to improve business processes
- Automated the cleanup and organization of large sets of file data using PowerShell

## PROJECTS

**Task Manager Mobile** (React Native, Node.js, MongoDB, Render)

August 2025

- Developed a cross-platform mobile application that simplifies task and project management
- Enables users to create, update, and delete tasks, set deadline reminders, to stay organized with ease
- Built with a React Native frontend (Expo Go) and a Node.js + MongoDB backend, hosted on Render for seamless deployment, scalability, and reliable data management

**Resume Website** (React, Tailwind CSS, HTML)

July 2025

- Designed and developed a personal portfolio website to showcase passions, technical skills, and professional experience
- Integrated a custom email API to enable direct contact functionality and added résumé download support for easy access

## VOLUNTEERING/LEADERSHIP EXPERIENCE

**Event Staff/Volunteer**

November 2020 - Present

*Riproar Events – Des Moines, IA*

- Communicated with a team of 20+ staff to direct volunteers, athletes, and bystanders to create the best possible experience for the participating athletes
- Directed traffic, performed lifeguard duties, and completed other tasks to ensure safety of all present

## SKILLS

**Languages:** C#, Java, Python, C, C++, PowerShell

**Frontend:** React, JavaScript/TypeScript, HTML/CSS, Tailwind

**Backend:** .NET, SQL, Azure Functions, API Integration, Backend Architecture

**Cloud/Tools:** Azure Storage, Azure DevOps, Git, GitHub, Power BI, Excel

## HONORS, AWARDS and ACTIVITIES

- Association of Computing Machinery Member September 2024 - Present
- University of Iowa President's List September 2023 - Present
- DMACC President's List September 2022 - December 2023