

# Tyler Felgenhauer

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## Experience

### TMC Transportation / Ames, IA

May 2022 - Present

#### Software Engineer Intern

- Developed an in-house web application for the cybersecurity team to analyze various security metrics using the ASP.NET MVC Core stack and JavaScript.
- Created AWS Lambda functions that pulls data into a database through APIs and web scraping.
- Created interactive dashboards and visuals using DAX queries and ETL processes in Power BI.
- Followed the agile methodology on an Azure DevOps board using Scrum.
- Remodeled the web application with AngularJS frontend.

### ITS Endpoint Technologies / Ames, IA

May 2021 - May 2022

#### Senior On-Site Technician

- Led teams on implementing more efficient workflows for our receiving, imaging, and re-imaging departments that lead to an increase in efficiency by more than 50%.
  - Familiarized new techs with software such as MECM, Active Directory, and Bomgar.
  - Provided quality services for the administrative staff of Iowa State University using ServiceNow.
  - Diagnosed problems on devices such as printers, laptops, and desktop computers.
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## Education

### Iowa State University / Ames, IA

B.S in Management Information Systems and Business Analytics

Spring 2023

Dean's list – Fall 2020, Spring 2021

Member of the ISU ISBA Club

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## Skills

**Programming languages:** Java, Python, C#, HTML5, CSS3, Javascript, DAX

**Frameworks:** ReactJS, AngularJS, Node JS, Express.js, Selenium, Semantic UI React

**Database Management:** SQL, NoSQL, MongoDB, MySQL

**Software:** Tableau, Power BI, SMSS, ServiceNow, Matlab

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## Projects

### The Move

- Led and taught a group of students to develop a web application using ReactJS.
- Displayed information for bars in the surrounding area and their corresponding deals.
- Used Google Maps API and Semantic UI React.

### Apto

- Developed a web application using the MERN stack to inform users on health supplements.
- Used Semantic UI React for flexible theming support.
- Collaborated with and led a team of 3 to achieve goals and meet deadlines.

### Grocery Management System

- Used Python to return managerial reports based on grocery data.
- SQLite and Pandas were used to help read, analyze, and query data.
- Updated inventory and new costs were updated as a customer shopped the system.