

CAREER PROFILE

Web Software Engineer passionate about innovation with purpose and enabling teams to work smarter. I am a creative problem solver and a detailed project planner with strong leadership and technical experience.

EDUCATION

Iowa State University, Ames, Iowa

Graduated: May 2022

Debbie and Jerry Ivy College of Business – **Master of Business Administration**

GPA: 3.82

College of Engineering – **Bachelor of Science in Computer Engineering**

GPA: 3.80

- Graduated Magna Cum Laude with Honors Distinction

SKILLS

Code: JavaScript/TypeScript • React • Highly Skilled JS/React Tester (RTL, Jest, Cypress...) • CSS (Styled Components, Tailwind) • Terraform • Drone • Java (OSGi Framework) • Python (Squish GUI Testing)

Technical: Git • AWS (S3, ECS, ElastiCache Redis) • Jira • Rally • IntelliJ • Premiere Pro • Microsoft Office

Personal: Public Speaking (Stage Performance) • Coaching/Mentoring • Event planning & management

WORK EXPERIENCE

John Deere, Intelligent Solutions Group/John Deere Financial • Urbandale, Iowa

June 2022 – Present

Software Engineer – IT Development Program, Operations Center Web

- Led a shared effort to improve team testing practices replacing Enzyme with React Testing Library.
- Architected, planned, developed, and supported a new web application with a small team.
- Develop features for interaction with high volume and highly engaged precision agriculture data.
- Collaborate across teams to improve shared technology and respond to customer service needs.
- Awarded an uncommon early promotion for my initiative and development as a technical leader.

Hy-Vee, Helpful Smiles Technology • Grimes, Iowa

May 2021 – May 2022

Software Engineering Intern, Ecommerce Fulfillment

- Delivered online grocery ordering solutions in the full stack web space using test driven development.
- Constructed and optimized user interfaces using TypeScript, React, and CSS Styled Components.
- Built custom GraphQL queries and resolvers to display needed information stored in databases.

Collins Aerospace • Cedar Rapids, Iowa

May 2019 – August 2020

Software Engineering Intern, Test and Training Instrumentation

- Trained as scrum master, tracked team metrics, and regularly presented to program leadership.
- Detected, reported, and repaired product defects for quality assurance phase of project.
- Designed UI for customer use and generic UI components for use in Java applications.
- Performed requirements-based framework and GUI testing using Python and Squish.

Sofftronics Ltd. • Marion, Iowa

May 2016 – August 2018

Software and Mechanical Engineering Intern

- Implemented a company-wide product data management system for CAD drawings.
- Created and revised CAD product models and drawings to specification.
- Prototyped a solution on an embedded system relating to GPS and radio communications.
- Optimized usability of company electrical component inventory.

LEADERSHIP AND ACTIVITIES

Newton Community School District • Newton, Iowa

August 2022 – Present

High School Drumline Instructor

- Teach marching percussion techniques to students with diverse experience and backgrounds.
- Assist band director with full ensemble rehearsals, show design, and music composition.

Iowa State University Honors Program

August 2017 – May 2022

Freshman Honors Program Leader – Classroom Instructor

Iowa State University Cyclone Football Varsity Marching Band

August 2018 – May 2022

Bass Drum Guide – Varsity Drumline

All-Star graduate of Gavin Jerome's Comedy College

May 2019