

Axel Zumwalt

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CAREER PROFILE

MBA and computer engineering student graduating spring 2022. Experience in project planning and execution, software development, and creative problem solving. Skillset includes leadership, multiple computer applications and strong interpersonal communication skills.

EDUCATION

Iowa State University, Ames, Iowa	Expected Graduation: 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

SKILLS

Programming Languages:	JavaScript/TypeScript (React, Jest/React Test Library, GraphQL) • HTML • CSS (Styled Components) • Java (OSGi Framework) • Python (Squish GUI Testing) • C • C++
Software Platforms:	Git • Atlassian Development Tools (Jira, Confluence, Bitbucket, Bamboo)

WORK EXPERIENCE

Hy-Vee, Helpful Smiles Technology, Grimes, Iowa May 2021 – Present

Software Engineering Intern, Ecommerce Fulfillment (Summer 2021)

- Collaborated with an agile team to solve online grocery ordering solutions using test driven development.
- Created and optimized user interfaces using TypeScript, JavaScript, the React framework, and CSS.
- Built custom GraphQL queries and resolvers to surface and display needed information stored in databases.

Collins Aerospace, Cedar Rapids, Iowa May 2019 – August 2020

Software Engineering Intern, Test and Training Instrumentation

2nd work-term (Summer 2020)

- As substitute scrum master, hosted story writing with product customer, tracked team metrics, managed team activity, and regularly presented to program leadership.
- Detected, reported, and repaired product defects for quality assurance phase of project.

1st work-term (Summer 2019)

- Coordinated work with an agile team to deliver software features on a time sensitive schedule.
- Improved familiarity with object-oriented programming practices substantially.
- Designed UI for customer use and generic UI components for use in multiple applications.
- Performed requirements-based framework and GUI testing using Python with Squish.

Soffronics Ltd., Marion, Iowa May 2016 – August 2018

Mechanical Engineering Intern (Summer 2018)

- Implemented a company-wide product data management system for CAD drawings.
- Solved problems with VBA to increase work efficiency.
- Created and revised CAD product models and drawings to specification.

Software Engineering Intern (Summer 2017)

- Prototyped a solution on an embedded system relating to GPS and radio communications.

Intern (Summer 2016)

- Optimized usability of company electrical component inventory.
- Performed product testing to business quality standards.

LEADERSHIP AND ACTIVITIES

Iowa State University Honors Program Fall 2017 – Present

Freshman Honors Program Leader (Spring/Fall 2018)

- Trained in leadership, strengths, and schedule planning.
- Directed the activities of a small group to meet class deadlines and learning requirements.

Honors Program Ambassador (Spring 2019 – Present)

- Volunteer to assist with operation of honors events and recruitment efforts.

Iowa State University Cyclone Football Varsity Marching Band Fall 2018 – Present

Bass Drum Guide – Varsity Drumline (January 2020 – Present)

- Manage section rehearsals to meet performance goals.
- Coach section members to improve individual playing performance.
- Help coordinate drumline operations such as managing equipment and running performances.

All-Star graduate of Gavin Jerome's Comedy College May 2019