

TYLER BARTLESON

Software Engineer

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OBJECTIVE

Seeking Full-Time Software Engineering job opportunities.

EDUCATION

Iowa State University:

Software Engineering Major

GPA:

3.11 / 4.0

Graduated:

May 2020

SKILLS

Coding Languages:

Advanced:

Java

Proficient:

JavaScript, HTML/CSS

Familiar:

C, C++, C#, SQL

Technologies:

Tools:

Git, Trello, Amazon Web Services, Node.js, Google APIs

IDEs & Engines:

Android Studio, Visual Studio, Atom, Eclipse, Unity

Frameworks:

Bootstrap, Vue.js

Operating Systems:

Android, iOS, Linux

Professional:

Agile Development, Public Speaking, Teamwork, Leadership, Project Management

WORK EXPERIENCE

Software Engineering Intern

Innovative Software Engineering / Coralville, IA / Summer 2017

- Worked independently and on a team with other interns and full-time engineers
- Aggregated and transferred different forms of data between a web server and a database using Amazon Web Services such as RDS and Lambda
- Developed a cross-platform mobile app for Android and iOS using Java, XAML, AWS, and Google APIs
- Led a mobile app programming class for high school students
- Presented all information and projects at company-wide meetings

ACTIVITIES & LEADERSHIP

Member – Game Development Club / 2016 - Present

Member – Computer Science and Software Engineering Club / 2016 - Present

Leader – University Honors Program / 2017 - 2018

- Planned and taught an introductory Honors course for freshman students

Committee Member – University Honors Program / 2017 – 2018

- Organized and ran events for the First-Year Honors Program students

Member – Iowa State University Honors Program / 2016 – 2018

Ambassador – College of Engineering / 2016

- Helped run the Fall Engineering Career Fair by organizing students and professionals from the industry

Recipient – Iowa State University Dean's List / 2016, 2019

PROJECTS

CowChips4Charity – Senior Design Project

- A web-based fundraising application for the Boo Radley Foundation
- Includes a Bingo-like game for users to play and donate to the Foundation, backend data-analytics for admin users, and a website to host it all.

WITWAY – Honorable Mention (Top 10) out of 50 teams

- Android mobile application that allows a user to generate a list of venues to visit along with directions to each one based on selected locations and interests.

Util3D – 3rd out of 11 teams

- Android mobile application meant to assist field technicians in the process of mapping underground utility lines (water, gas, sewage, electric, etc.)