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# **TYLER BARTLESON**

*Student at Iowa State University*

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.)

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

*Frameworks:*

Bootstrap, Vue.js

*Operating Systems:*

Android, iOS, Linux

**Professional:**

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