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, JavaScript, HTML/CSS,
Proficient:
C, C++, C#, SQL

Technologies:
Tools:
Git, Trello, Amazon Web Services, Node.js, Google APIs
IDEs & Engines:
Android Studio, Visual Studio, Atom, Eclipse, Unity, MongoDB, MySQL
Frameworks:
Bootstrap, Vue.js
Operating Systems:
Android, iOS, Linux

Professional:
Agile Development, Public Speaking, Teamwork, Leadership, Project Management, Quick Learner, Adaptable

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.)