Timothy Steward

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OBJECTIVE
Seeking full-time employment in computer engineering after graduation

EDUCATION
Iowa State University, Ames, Iowa
Bachelor of Science in Computer Engineering (Expected Graduation May 2020)
GPA: 3.97 / 4.00

National University of Singapore, Singapore
Student Exchange Program (Spring 2019)

PROFESSIONAL EXPERIENCE
Workiva, Ames, Iowa – *Software Engineer Intern* (Summer 2017, Summer 2019 - Present)
- Developed user interface and backend for new features in Presentations and Spreadsheets app
- Detected software bugs, resolved them, and wrote unit tests to prevent future regressions
- Engaged in code review process to get feedback and examine source code written by coworkers

Garmin International Inc., Olathe, Kansas – *Software Engineer Intern* (Summer 2018)
- Presented a design proposal for a new feature and responded to feedback from a committee
- Created user interface to allow users to choose a background image on Garmin marine devices
- Investigated bug reports and used tools like debuggers and simulators to implement solutions

Iowa State University, Ames, Iowa – *Undergraduate Research Assistant* (Spring 2017)
- Wrote software to generate a three-dimensional point cloud using data from a lidar sensor
- Developed a C++ program to allow computers to communicate over a TCP socket on Linux
- Examined documentation for a motor and lidar sensor and wrote software to control them

ACTIVITIES
FIRST Volunteer (Fall 2016 - Present)
- Volunteered at robotics competitions to inspire youth to be science and technology leaders
- Inspected robots to enforce rule compliance and provided support to teams to resolve issues

The Navigators (Fall 2016 - Present)
- Facilitated small group discussions to help students read and understand the Bible

Mariachi Los Amigos (Present)
- Played trumpet with a group that shares the beauty of Mexican culture through folk music

HackISU (Fall 2018)
- Collaborated with four other students to create photo management web and Android app
- Created React based interface to win "Best User Interface" award from 63 project submissions

Cyclone Space Mining (Fall 2016 - Spring 2018)
- Improved C# robot control interface to provide more information about the robot's state
- Created documentation describing requirements and strategy for autonomous robot function
- Wrote embedded robot software in C++ to control actuators from remote robot control interface

PrISUm Solar Car Team (Fall 2016 - Spring 2017)
- Developed hardware, software, and documented a test procedure to test custom Compute Module used throughout the car
- Designed printed circuit boards used in the solar car using Altium Designer
- Examined microcontroller data sheet and documentation to learn to program it in C