



Joseph Kueny

712-299-0991 ■ jwkueny@iastate.edu

EDUCATION

Iowa State University; Ames, Iowa

B.S. in Computer Engineering:

GPA 3.46

Expected December 2020

WORK HISTORY

Western Digital; Rochester, Minnesota

Technology Development Co-Op

January 2019 – August 2019

- Extended robotics wiring and installed new hardware
- Sorted, labeled, and managed wiring into the robot control box
- Rewrote and upgraded the firmware written in C
- Read and used microcontroller documentation for function implementation
- Created a GUI in C# to interact with the robot firmware
- Documented the upgrades to hardware and software on test automation robot
- Lead informational sessions on proper robot use and test creation
- Assisted co-workers with reactive work
- Attended optional organization led trainings for personal learning

ISU Work Study Agronomy Department; Ames, Iowa

Systems Support

March 2017 – Current

- Designed and enforced categorization process of equipment
- Assist faculty and students with technical issues
- Managed WYSE client networks through WMS
- Developed packages and task sequences for SCCM deployment
- Created personalized documentation of common technical issues

VOLUNTEER AND LEADERSHIP ROLES

TEAM Engineering Tour Guide; Ames, Iowa

Fall Semester 2019

Lead engineering tours with a group of other engineering students to high school students

Western Digital We.Care E-Week; Rochester, Minnesota

March 2018

Taught middle school children about engineering by building roller coasters with them

Freshman Honors Program Leader; Ames, Iowa

Fall Semester 2017

Teaching and guiding freshman honors students in their first semester at college

SKILLS

C/C++, C#, Python, Java, Spring Boot, Hardware Design, Arduino, and Git