

KRISTEN WORDEN

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248.606.8499

EDUCATION

University of Michigan – College of Literature, Science, and the Arts

Intended Major: *Computer Science (May 2022)*

GPA: 4.0/4.0

Relevant Coursework: Fundamentals of Engineering for Honors II, Programming and Intro Data Structures (EECS 280), Discrete Mathematics (EECS 203)

The Ohio State University – College of Engineering

Intended Major: *Computer Science and Engineering (Aug 2018 - May 2019)*

GPA: 3.96/4.0

Scholarship Awards: Maximus Scholarship Recipient, National Buckeye Scholarship Recipient

Languages

Native Level Bilingual in Japanese; N1 Certificate for JLPT (scored 179/180), 2017

SKILLS AND INTERNATIONAL EXPERIENCE

Technical Skills: Programming languages (C++, C, Unity/C#, Java, Python, MATLAB, VBA); Microsoft Office

International Experience: Nine years in Tokyo, Japan; Two years in Frankfurt, Germany

PROJECTS

Robot Project: January 2019 – April 2019

- Utilized Engineering Design Process to design, program, test autonomous robot in a team of four
- Participated in the annual FEH Honors Robot Competition

2019 Summer Project: June 2019 – August 2019

- Combined and analyzed **Excel** files exported from separate enterprise systems using **Python** to compare planning data in System 1 with actual data in System 2
- Wrote **VBA** program to extract data from **Excel** file to support analysis with a pivot table

Unity Project “RGB Football Catch”: May 2020

- Learned and practiced the basics of C# scripting in Unity3D through developing a simple catch-ball game

LEADERSHIP and VOLUNTEER EXPERIENCE

- Organized events as an officer for Novi High School Japanese Club to spread understanding of Japanese culture among students (Sep 2016 – May 2018)
- Collected donations for The Salvation Army to help those in need in the state of Michigan (Sep 2014 – May 2018)
- Tutored mathematics to elementary and middle school children from the Metro-Detroit area and helped prevent them from falling behind in school (Sep 2014 – May 2018)