**Joshua Houlding**

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**Objective**

To achieve a bachelor’s degree in the field of Mathematics/Computer Science, as well as take advantage of networking opportunities, satisfactorily complete multiple internships, and participate in research during my time at university.

**Education**

Western Washington University, Bellingham, Washington (2019-2023)

* Anticipated Graduation Date: June 2023.
* Relevant Coursework: Computer Programming & Linear Data Structures, Data Structures, Calculus II, Computer Systems I, Formal Languages & Functional Programming, Probability and Statistical Inference.
* Accepted to Computer Science Distinguished Scholars program.
* Accepted to University Honors program.
* Cumulative GPA: 3.48.

**Extracurricular Activities**

Robotics Club – Union High School September 2016 – June 2018

* Competition team member and Reporter for the leadership team.
* Attended weekly 3-hour leadership meetings concerned with high-level decision making for the club.
* Assisted in building and programming of the robot and collaborated with team members to create a finished product on time for competitions.
* Created eye-catching marketing materials resulting in recruitment of dozens of new members, as well as attendance numbers as high as a few dozen for planned club events.
* Managed club Facebook, Twitter and Instagram accounts, created and contributed to a blog read by hundreds of people, took thousands of photos documenting team efforts, contributed dozens of pages along with the club secretary to an engineering notebook detailing progress on the robot, and designed the front-end, people-facing component of the club website.

**Volunteer Experience**

Union High School Robotics Club September 2016 – June 2018

* Presented to elementary and middle school age students five times, each session lasting an hour, about the benefits of involvement in robotics, including community, acquisition of technical skills, and prospects for expansion of leadership competency.
* Demonstrated robot and educated the community about our club.
* Assisted 3 residents of the local senior center with various electronic device troubles at a club-organized event in February 2018.

**Awards & Certificates**

* HTML Fundamentals, 2018.
* CSS Fundamentals, 2018.
* High School Varsity Letter for Robotics Club, 2017.
* 1st Degree Black Belt in Karate, 2017.
* Python for Everybody Coursera Specialization, 2020.
* What is Data Science, Tools for Data Science, Data Science Methodology, Python for Data Science and AI, Databases and SQL for Data Science Coursera courses, 2020.

**Skills & Abilities**

* Personal projects can be found at <https://github.com/jhould007>.
* Personal website can be found at <https://jhould007.github.io/>.
* Ability to work efficiently on any OS, whether Windows, OS X or Linux.
* Moderately proficient in Java.
* Intermediate level HTML and CSS knowledge.
* Other notable skills include basic BASH, PowerShell, Git, MySQL, JavaScript, GIMP, and Unity game development.

**Relevant Projects**

* Developed a simple, easy-to-use website using Bootstrap 4 and hosted through GitHub Pages for the purposes of expressing myself and providing a place to display relevant contact info and personal projects.
* Implemented an [online unit converter](https://jhould007-unit-converter.herokuapp.com/) using Bootstrap 4 and deployed using Heroku hosting service. Capable of converting units of distance, time, volume, temperature, energy and speed.
* Recreated the classic game “Pong” from scratch in the Unity game development environment. Available to test on website.