YuYu Madigan

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Education

University of Washington, Seattle, WA
August 2018- Present, Intended Major: Informatics, Pursuing Interdisciplinary Honors Program

Relevant Courses: Intro to CS, Intro to ML, Data Structures + Algorithms

Notable Projects and Experiences

Access for All – Dubhacks 2019 – Microsoft Sponsor Prize Top 3
Developed the front-end for AfA, a web app to simplify any website and display it as one consistent format to increase accessibility to those who identify as austistic or dyslexic using Javascript + HTML + CSS,

BeatBallot – NW Hacks 2019
Developed the front-end for BeatBallot, a web app that allows users to contribute to a playlist through votes using ReactJS + HTML + CSS

Income Predictor from Census Data – Introduction to Machine Learning
Employed Adaboost algorithm in Python to predict a person's income level from census data to an 87% accuracy rate

Charlottesville Twitter Data Analysis – Introduction to Technical Foundations
Analyzed tweets about Charlottesville terror attack compared to NYT articles over a four day period using R, NYT API, and Natural Language processors, compiled information on an interactive web app using RShiny

Huffman Code – Introduction to Computer Science II
Implementing a Huffman Compression algorithm using Java and StdLib

Bainbridge Island Rotary Club Auction (Summer 2017, 2018, 2019)
Worked in the computer department preparing devices for resale

Related Activities and On Campus Involvement

ReThink: Foster School of Business RSO
President (June 2019 - Present), Vice President of Events (June 2018 - June 2019)
Leads meetings to cultivate a community based upon shared values, organizes events to develop an awareness and discussion about the intersection of business and sustainability through the lens of technology

University Heights
April 2019 - June 2019 : Honors Class Service Learning Project

Worked to market their events and revamp community outreach

Rotary Club Marketing Plan
Project Lead (2018)
Led a group of 6 students in designing and implementing a full marketing plan for the Bainbridge Youth Services Summer Internship program in 2018

Employment

Snowy Village: Korean Dessert Cafe
June 2019- Present (Bingsooista, Inventory and Supply Manager, Event Organizer)

Additional Links
linkedin.com/fymadigan
bit.ly/fymadigan

Languages
Java, R, HTML, CSS, Python, and JavaScript

Skills
Intermediate Spanish

Proficient with Microsoft Suite and Google Drive

Figma

Organization

Conflict Resolution

Honors and Awards
National Honor Society (Grade 9-12)

Presidential Service Award (2018)

Compassionate Action Award (Grade 12)

BPA Youth Achievement Award (2018)

Rotary Student of the Month (April 2018)

The Washington State Principals' Scholars Program Award for Academic Excellence (June 2018)

Hobbies
Music – Piano, Singing, Guitar
Baking/Cooking
Golf