YuYu Madigan

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Education

University of Washington, Seattle, WA

August 2018- Present, Intended Major: Informatics, Pursuing Interdisciplinary Honors Program

Courses incl: 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 using Javascript + HTML + CSS, 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

BeatBallot – NW Hacks 2019

Developed the front-end for BeatBallot using ReactJS + HTML + CSS, a web app that allows users to contribute to a playlist

Huffman Code – Introduction to Computer Science II

Implementing a Huffman Compression algorithm using Java and standard libraries for a class assignment

Income Predictor from Census Data – Introduction to Machine Learning

Predicted a person's income level from Census Data using Adaboost in Python to an 87% accuracy rate

Charlottesville Twitter Data Analysis – Introduction to Technical Foundations

Analyzed tweets about Charlottesville 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

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)

Organizes events to cultivate 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)

Designed and implemented a full marketing plan with small group of students 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