Trey Michaels

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Link to Projects: https://github.com/Thomam7-1731891

EDUCATION

UNIVERSITY OF WASHINGTON

BS IN INFORMATICS

Grad Year: June 2021

GPA: 3.46

SKILLS

Java • Javascript

Python • MySql • PHP

HTML • CSS • Git

Bash • Kotlin • R

Product Prototyping

Data Visualization

COURSEWORK

Data Structures and Algorithms

Intermediate Java Programming

Intermediate Python

Programming Design Methods

Client-Side Web Development

Server-Side Web Development

Android Mobile Development

Data Modeling and Relational Databases

LINKS

LinkedIn:// Trey Michaels

Website:// bit.ly/367QqCu

EXPERIENCE

UW-IT | IT Student Accessibility Assistant

June 2019 – Present | Seattle, WA

- Worked as an IT Accessibility Assistant

- Collaborated with partners such as Microsoft, Panopto, and Zoom to ensure adherence to accessibilty standards

- Evaluated product accessibility using assistive technologies

- Met with company representatives and project managers to present findings and explore solutions

UW HFS | Residential Advisor (RA)

September 2018 – Present | Seattle, WA

- Worked as a community leader of student peers and responsible for the 56 students on my dormitory floor

- Developed and led community-building events

- Mediated and resolved conflict between disagreeing parties

PROJECTS (on Github)

Search Engine | Python

- Created a Python Search Engine linked to a database of Wikipedia information

- Accepted user queries to see how many and which Wikipedia pages contained the term

TOP MOVIES | JavaScript

- Built a dynamic web page for retrieving information about current top movies

- Used AJAX/JSON to dynamically pull and query an IMBD api

- Page structured with JavaScript/HTML/CSS

TRUMP/OBAMA TWEET ANALYSIS | R

- Developed a ShinyApp application for analyzing behavioral tweet differences between Presidents Trump and Obama

- Analyzed and visualized data using R

ANDROID WEATHER APP | Kotlin

- Created an Android App that provides updated daily weather forecasts

- User input specifies which city to retrieve forecast data for

- Data retrieved from an OpenWeatherMap api