Adryana Hutchinson

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EDUCATION

Clark University, Worcester MA - Expected May 2023
B.A in Computer Science & Philosophy, GPA 3.77

Relevant Coursework:
Data Structures & Algorithms | Computer Organization | DBMS | Networks & Network Security | Internet of Things (IoTs) | Tech Ethics & Public Policy

SKILLS

Advanced:
Python | Java | HTML & CSS | Research Methods | Windows OS | Network & Hardware Design | Wordpress | Photoshop

Intermediate:
C | Javascript | C# | SQL | Mac OS | PostgresDB | Django | Docker | jQuery

Knowledgeable:
LaTeX | Linux | Computer Architecture (x86, MIPs)

EXPERIENCE

Research Assistant — *Clark University*
June 2021 - Present

- Worked on two self-designed projects focusing on technology accessibility. Both projects were completed over the summer. During this time, I also worked with the Computer Science department to review literature on computer security and nudging.
- Currently working with the Jack Lab to research plant growth, as well as creating microcontrollers to automate plant watering/temperature moderation.
- For the Summer of 2022, I am working with Dr. Peter Story on studying the effectiveness/usability of password managers.

Web Developer — *The Yiddish Arts and Academics Association of North America (YAAANA)*
July 2021 - October 2021

- Developed and maintained an efficient and easy-to-navigate website.
- Managed and updated the upcoming events and class sections from YAAANA's website. Used Wordpress, HTML, CSS, and JavaScript to manage and update 100+ pages, upcoming events, and class sections for YAAANA's website.

PROJECT SAMPLES

Olm, ***Python | Tkinter***
- Python program used to help individuals with vision-impairment issues program using text-to-speech.

Art Site, ***Python | Django | PostgresDB | Docker***
- A small eCommerce website used to sell artwork in which users could create, read, update, and delete pieces

Ambient Noise Measure, ***C | Arduino UNO WiFi | Raspberry Pi***
- Final project for my IoT class. Measures ambient noise using a sensor and sends it to a web server for analysis and logging using a Raspberry Pi. It alerts individuals to the noise level through the use of light fixtures.