Adryana Hutchinson

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EDUCATION

Clark University, Worcester MA - Expected May 2023
B.A in Computer Science & Philosophy, GPA 3.79

Relevant Coursework:
Data Structures & Algorithms | DBMS | Networks & Network Security | Internet of Things (IoTs) | Tech Ethics & Public Policy | Robotics and Intelligent Systems

SKILLS

Advanced:
Python | Java | Windows OS | Network & Hardware Design | Embedded Systems | Research Methodologies

Intermediate:
Mac OS | C# | C | JavaScript | NodeJS | jQuery | React/React Native | SQL | Django

Knowledgeable:
ROS | Linux | Computer Architecture | UI/UX Design

EXPERIENCE

Research Assistant — *Virginia Tech*
August 2022 - Present

- Researching crowdsourcing techniques and building conversational assistant software.
- Using React Native to develop responsive mobile applications to facilitate effective voice-based conversational assistants.

Research Assistant — *Clark University*
June 2021 - Present

- Working with the CS Department to create PDF optimization software that makes PDFs more accessible by allowing direct customization of properties using a digital interface built in JavaScript.
- Worked with the Jack Lab researching plant growth. Optimized microcontrollers to automate plant watering/temperature moderation.
- Created an effective data collection tool that targeted and analyzed data from password managers and websites.

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

Pillbug: PDF Breaker, ***JavaScript | React | NodeJS***

- User-friendly PDF-editor that customizes PDF properties in-place.

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***

- Measures ambient noise using a sensor and sends it to a web server for analysis and logging using a Raspberry Pi. Alerts individuals to the noise level through the use of light fixtures.