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:
Algorithms, Computer Networks, Network Security, Database Management Systems, IoTs (Internet of Things), Fair Games, Tech Ethics & Public Policy

RESEARCH EXPERIENCE

Senior Thesis — *Clark University*   June '22 - Present
Mentor: Dr. John Magee
- Topic: A web-based PDF editor that edits text in-place. The goal of this project is to make PDFs more accessible by allowing direct customization of PDF properties using a digital interface [repo].

Research Assistant — *Clark University*   Summer '22 - Present
Mentor: Dr. Peter Story
- Created an effective data collection tool that targeted data from password managers and websites.
- Gathered, cleansed, and reviewed data from select password managers and websites. Developed protocol for data annotation processes.
- Collaborated with a research team in writing our research results in an academic paper.

Research Assistant — *Clark University*   October '21 - Present
Mentor: Dr. Chandra Jack
- Monitored plant and bacterial growth in a greenhouse setting.
- Gathered and analyzed growth data from wheat and clover plants.
- Collaborated with research team in weekly standups.

REPORTS & PUBLICATIONS

Class Reports
- "IoT Security: Threat of Worms" (Spring 2022). [pdf]

HONORS & AWARDS

LEEP Fellowship — *Clark University*   Summer '22
- Rewarded to Clark University students, used to fund my summer research experience in exploring the usability of password managers.

Wisniewski Award — *Clark University*   Summer '22
- Rewarded for being the top LEEP applicant of 2022 for research and academic excellence.

Robert Goddard Scholarship — *Clark University*   Fall '19 - Present
- Top-level scholarship for Clark University students.

Dean's List — *Clark University*   Fall '19 - Present

SKILLS

Languages:
- Python, Java, C, SQL, JavaScript, HTML & CSS, R

Tools:
- Django, MySQL, Docker, Linux, Qualtrics, Adobe Photoshop, LaTeX