Adryana Hutchinson

Auburn, Maine | (207) 402-5864 | ahutchinson@clarku.edu | a-wyrm.github.io/home/

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), Robotics & Intelligent Systems, 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.

Research Assistant — *Virginia Tech*   August '22 - 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*   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 - September '22
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.

WORK EXPERIENCE

Teaching Assistant— *Clark University*
- Lead weekly labs and 1-on-1 tutor sessions twice a week.
  - Robotics and Intelligent Systems, Fall 2022

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 - Spring '23
- Top-level scholarship for Clark University students.

Dean's List — *Clark University*   Fall '19 - Spring '23

SKILLS

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

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