# Adryana Hutchinson

Washington DC | (207) 402-5864 | adryana.hutchinson@gwu.edu | a-wyrm.github.io/home/

## EDUCATION

**George Washington University, Washington DC -** Expect May 2028
PhD in Computer Science

**Clark University, Worcester MA**
B.A in Computer Science & Philosophy, summa cum laude, GPA 3.83

**Relevant Coursework:**

Topics in Advanced Logic, Algorithms, Computer Networks, Network Security, Database Management Systems, IoTs (Internet of Things), Programming Languages, Automata Theory, Robotics & Intelligent Systems, Fair Games, Tech Ethics & Public Policy

## RESEARCH EXPERIENCE

**Senior Thesis** — *Clark University*                                    **October '22 - May '23**
*Mentor: Dr. Peter Story*
- Analyzed the usability of whistleblowing software used by journalists.

**Research Assistant** — *Clark University*                                **Summer '22 - May '23**
*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** — *Virginia Tech*                                   **August '22 - January '23**
*Mentor: Dr. Sang Won Lee*
- Researched crowdsourcing techniques and built conversational assistant software.
- Used React Native to develop responsive mobile applications to facilitate effective voice-based conversational assistants.

**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

## REPORTS & PUBLICATIONS

### Poster Presentations
Peter Story, **Adryana Hutchinson**, Jeffrey Tang.
- *"Investigating the Usability of Password Managers"* (ClarkFEST 2022). [pdf]

**Adryana Hutchinson**, Peter Story.
- "The Usability of Whistleblowing Software" (ClarkFEST 2023). [pdf]

### 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