ashley.hart@ufl.edu

https://www.linkedin.com/in/ashley-b-hart/

OBJECTIVE

Computer Science Ph.D. student researching artificial intelligence with a desire to explore how applications of artificial intelligence in our society impact youth and young adults. Currently a member of the Human Experience Research lab at the University of Florida under the advisement of Dr. Juan Gilbert.

ASHLEY HART

EXPERIENCE

May 2022 – August 2022
Data Science Intern — Raytheon Technologies
- Developed, tested, and deployed software features, trained classification models, and wrote technical documentation for active projects within the company.
- Accessed many mentorship and professional development opportunities.

May 2021 – August 2021
Undergraduate Researcher — Rutgers University
- Conducted and presented research on classical and quantum communications with Dr. Anand Sarwate and Dr. Emina Soljanin as a member of the RISE@Rutgers 2021 cohort.

September 2020 – May 2021
Undergraduate Researcher — University of Central Florida
- Conducted independent study on quantum computing under the mentorship of Dr. Sharma Thankachan.

May 2020 – August 2020
Undergraduate Researcher — University of Virginia
- Developed and presented a Boolean satisfiability solver under the advisement of Dr. Matthew Dwyer.

EDUCATION

University of Florida — Gainesville, Florida
Doctor of Philosophy in Computer Science — August 2022 - Present

University of Central Florida — Orlando, Florida
Bachelor of Science in Computer Science — August 2018 – Spring 2022
GPA: 3.737

AWARDS

GEM Fellow
McKnight Doctoral Fellow
Ronald E. McNair Scholar
2020 – 2021 NACME Scholar

LEADERSHIP & INVOLVEMENT

Special Interest Group for Algorithms and Computer Theory
President & Vice President — November 2020 – May 2022

PROJECTS

RecycPal — January 2021 - Present
- Developed a machine learning application that classifies objects and provides information on how to properly dispose of them.
- Third place winner at DeltaHacks 2022.

PharmEasy — November 2021 – Present
- Developed an application that helps patients order, refill, and receive their prescription medications.
- Winner of the Synopsys prize at KnightHacks 2021.

LDPC Decoder — June 2021 – July 2021
- Developed a tool that operates on graphs to solve LDPC codes.

Insomnia — January 2021 – May 2021
- Contributed as the art director, project manager, and enemy artificial intelligence developer for a 2D platformer Unity game.