

Aaron Hadley

Undergraduate student with interest in cryptography and information theory

1026 Contravest Lane
Winter Springs, FL 32708
(407) 401-3174
aahadley1@gmail.com
github.com/aahadley

EDUCATION

University of Central Florida, Orlando, FL
Bachelor of Science : *Computer Science*
Minor : *Mathematics*

SEPT 2017 - DEC 2020

GPA: 3.04

Focus in theory and cybersecurity, coursework in cryptography, quantum computing, and computer architecture.

RESEARCH

Theorem Proving with Deep Reinforcement Learning,
UCF Computer Science Department
Dr. Sumit Jha

JAN 2019 - PRESENT

Began project researching how to apply deep learning techniques to theorem proving software

Quantum Information Group, UCF Physics Department
Dr. Eduardo Mucciolo

SEPT 2018 - PRESENT

Weekly journal clubs discussing simulation of quantum systems, condensed matter physics, and quantum communications

PROJECTS

CPU Cache Simulator — *Coursework*

Wrote a simulator to simulate a CPU cache using various cache sizes, associativities, and replacement policies.

Recaman Sequence — *Personal*

Developing a space efficient algorithm for generating elements of the Recaman sequence.

SKILLS

Proficient in C, Python

Experience in MIPS, Java

Comfortable in Linux, Windows

Command line, bash scripting

Metasploit framework

VOLUNTEER

Junior Knights, Orlando, FL

OCT 2018 - PRESENT

Leading weekly classes in Python and C for middle and high school students

WORK

University of Central Florida,
Teaching Assistant

SEPT 2019 - PRESENT

Undergraduate teaching assistant for Intro to Programming in C

Target, Winter Park, FL —
General Merchandise Expert

SEPT 2017 - SEPT 2018

Customer service, Sales, Presentation