

Aaron Hadley

Undergraduate student with experience in deep learning and quantum information seeking a full time position in research or software engineering

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EDUCATION

University of Central Florida, Orlando, FL
Bachelor of Science : *Computer Science* : GPA: 3.04
Minor : *Mathematics*

DEC 2019

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

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, then ran experiments to determine the benefits of each parameter.

Recaman Sequence — *Personal (in-progress)*

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

SKILLS

Proficient in C and Python

Experience in Java

Comfortable in Linux and Windows environments

Command line and bash scripting

VOLUNTEER

Junior Knights, Orlando, FL

OCT 2018 - PRESENT

Writing material and 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 and presentation

Winn-Dixie, Eustis, FL — *Deli Associate*

Jan 2015 - AUG 2017

Customer service, food preparation

