

CURTIS T. DAVIS

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OBJECTIVE

Adept Software Engineer with over three years of experience developing applications. A determined student who intends to use his education and strong leadership skills to obtain an apt position in Software Engineering and Development.

EDUCATION

University of South Florida

Tampa, FL

USF Accelerated Master's Degree Program in Computer Science

Master of Science in Computer Science

Expected: Dec 2021

Bachelor of Science in Computer Science

Expected: Dec 2020

GPA: 3.5

Relevant Courses: Analysis of Algorithms, Data Structures, Object Oriented Software Design, Hadoop and Big Data, Software System Development, Operating Systems, Linear Systems, Software Engineering, Computational Geometry, and Automated Reasoning

SKILLS

Language and Tool Proficiencies:

- **Proficient:** C++, JavaScript (*D3, React*), CSS, HTML, Python, Git
- **Familiar:** Hadoop, Spark, C, C#, Java, Assembly, Flutter

RESEARCH

Undergraduate Research Assistant

May 2020 – Present

Research includes creating and implementing new automatic mapping and layout algorithms for Reeb graphs. Currently being developed using the D3.js library.

Compression Program

Spring 2020

Developed a program in C++, which can compress and decompress multiple file types. The program features various implementations of compression algorithms, including Huffman and Lempel-Ziv.

EXPERIENCE

Ace Hardware

Wimauma, FL

Sales Associate

February 2020 – Present

- Help customers draw plans and ensure they find the necessary information for their projects.

The Home Depot

Ruskin, FL

Tool Rental Technician, Sales, & Lumber Associate

January 2016 – July 2019

- Rebuilt broken machines and tools; repaired internals including electronics in such machines.

ACTIVITIES

Competitive Programming Society, *Member*

January 2019 – Current

White Hatters Computer Security Club, *Member*

January 2019 – Current

National Honors Society, *Officer*

August 2015 – May 2016

Robotics Team, *Team Leader*

January 2016 – May 2016

HONORS & AWARDS

Ace Mentor Engineering Scholarship

Bright Futures Academic Scholars Award