

# CURTIS T. DAVIS

906 Lakeview Dr, Wimauma, FL 33598  
813-539-9683 · CurtissMP@gmail.com · [CurtisTDavis.com](http://CurtisTDavis.com) · [Github.com/CurtisTD](https://github.com/CurtisTD)

## OBJECTIVE

---

Adept Software Engineer with over two years' 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, and Linear Systems

## SKILLS

---

Language Proficiency:

- |                                    |                                      |  |
|------------------------------------|--------------------------------------|--|
| • <b>C++:</b> <i>Advanced</i>      | • <b>C:</b> <i>Intermediate</i>      | • <b>JavaScript:</b> <i>Intermediate</i> |
| • <b>Python:</b> <i>Advanced</i>   | • <b>C#:</b> <i>Intermediate</i>     | • <b>D3.js:</b> <i>Intermediate</i>      |
| • <b>Java:</b> <i>Intermediate</i> | • <b>Hadoop:</b> <i>Intermediate</i> | • <b>CSS:</b> <i>Moderate</i>            |

## PROJECTS

---

### Undergraduate Research

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