

CURTIS T. DAVIS

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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
<u>USF Accelerated Master's Degree Program in Computer Science</u>	
<i>Master of Science in Computer Science</i>	Expected: Dec 2021
<i>Bachelor of Science in Computer Science</i>	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:

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

RESEARCH

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, <i>Member</i>	<i>January 2019 – Current</i>
White Hatters Computer Security Club, <i>Member</i>	<i>January 2019 – Current</i>
National Honors Society, <i>Officer</i>	<i>August 2015 – May 2016</i>
Robotics Team, <i>Team Leader</i>	<i>January 2016 – May 2016</i>

HONORS & AWARDS

Ace Mentor Engineering Scholarship
Bright Futures Academic Scholars Award