Henry Graves

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Objective:

To take part in a program where I can contribute my analytical technology and communication skills while growing as a developer.

Education:

Bachelor of Science in Computer Science   **GPA: 4.00**   **Graduating May 2023**

University of Central Florida – Orlando, FL

- National Merit Scholar
- President's Honor Roll for Fall 2019 – Fall 2020

Relevant Coursework:

- Computer Science 1
- Object Oriented Programming
- Intro to C Programming
- Security in Computing
- Computer Logic & Organization
- Calculus 1 & 2

Skills:

- Java
- C Programming
- Data Structures & Algorithms
- Linux Bash Shell
- Debugging
- Technical Writing
- Troubleshooting Hardware and Software
- Communication (virtual & in-person)
- Leadership and Teamwork
- Motivated Learner

Projects:

Compound Interest Calculator Android App:
- Using the UI prototyping tool Figma and Android Studio to create a user-friendly mobile app focused on making a personal finance topic easily understandable (In progress).

Array Memory Manager:
- Implemented a data structure in C that dynamically allocates array fragments as needed, avoiding the wasted space common in large but sparsely filled arrays.

Experience:

Audio Visual Specialist – Pinewood Presbyterian & Hibernia Baptist Churches   Apr. 2016 – Aug. 2019
- Operated visual media, lighting, and audio technology for live church services with a full band and 200+ & 400+ people in attendance.
- Eliminated the need for two workers at a time by filling two roles simultaneously.
- Advised directors of media and worship on hardware purchases, resulting in faster and cheaper hardware upgrades.

Organizations:

UCF Esports – Overwatch Team Member   **Sept. 2019 – Apr. 2020**
- Learned and applied team motivation and coordination strategies for stressful environments while competing for scholarship prizes.