Henry Graves

(Address Line 1)
(Address Line 2)

henrygraves@knights.ucf.edu
linkedin.com/in/henrygraves
(Phone Number)

Objective:

To participate in an internship 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

Experience:

Google Software Product Sprint **Feb. 2021 – Present**

- One of only 182 North American students chosen for a 12-week invite only program that gives practical coding experience and teaches industry best practices.
- Contributing to open source software using Git and GitHub, conducting code reviews, extending an existing codebase, participating in distributed development, and designing new components.
- Using Java, JavaScript, HTML, CSS, servlets, and Google Cloud APIs to build a web app.
- Communicating daily with Google engineers and students for mentorship and to foster community.

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.

Projects:

Personal Website:

- Used Java, JavaScript, HTML, CSS, servlets and Google Cloud APIs to design and build my first website, found at: http://hgraves-sps-spring21.appspot.com/
- This project was a good introduction to full-stack web apps, and its improvement is ongoing.

Array Memory Manager:

- Implemented a custom data structure in C that dynamically allocates array fragments as needed, avoiding the wasted space common in large but sparsely filled arrays. Holds array fragments together using a struct, maintains fast and direct access to data.
- Useful for business settings where saving space translates to saving money.

Skills:

- Java
- C Programming
- Front-End Languages
- Git & GitHub
- Distributed Development
- Code Reviews
- Linux Bash Shell
- Command Line Interfaces
- Google Cloud
- Data Structures
- Leadership
- Motivated Learner