

# ETHAN McKISSIC

Orlando, FL

[lain561.github.io/portfolio-v1](https://github.com/lain561/portfolio-v1)

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[github.com/lain561](https://github.com/lain561)

## EDUCATION

### University of Central Florida

Aug. 2023 - May 2027

*Bachelor of Science in Computer Science*

*GPA: 3.7*

- **Relevant Coursework:** Introduction to C, Data Structures and Algorithms, Discrete Structures, Object Oriented Programming, Systems Software, Security in Computing
- **Awards/Honors:** Dean's list Fall 2023 and Spring 2024, Florida Academic Scholar

## EXPERIENCE

### ShellHacks

Sept. 2024

*Hacker*

*Miami, FL*

- Won 2nd place in Chainguard's Wolfi OS Container Security challenge at Florida's largest hackathon as a first-time participant.
- Led the effort to support teammates in familiarizing themselves with essential technologies, fostering collaboration, and ultimately boosting our overall performance.
- Successfully delivered a functional application within a limited time frame, enhancing my leadership and development skills while boosting my confidence for future projects.

### Foundation Exam Prep

May 2024 – Aug. 2024

*Freelance Tutor*

*Orlando, FL*

- Conducted in-person and virtual tutoring sessions via Discord, assisting students with practice problems for UCF's Computer Science entrance exam in C.
- Helped peers master key concepts and problem-solving techniques, enhancing their exam readiness and confidence while reinforcing my own expertise in Data Structures and Algorithms.

## PROJECTS

### Cloud Vault | *HTML, CSS, JavaScript, Python, Flask, Docker*

Sep. 2024 – Oct. 2024

- Developed a secure file uploader using Flask, Docker, and Chainguard's Wolfi OS, ensuring encrypted file transmission and storage through SSL certificates and HTTPS.
- Designed a sleek, responsive user interface in HTML, CSS, and JavaScript, prioritizing simplicity and usability for seamless file uploads.
- Implemented containerized deployment with Docker, creating isolated, portable environments that ensured consistent configurations across all development stages and enhanced security.
- Focused on convenience and security for individuals and small businesses, with vulnerability assessments reporting low to no CVEs.

### Personal Portfolio | *HTML, CSS, JavaScript*

Aug. 2024 – Oct. 2024

- Built a fully responsive portfolio website from scratch using vanilla HTML, CSS, and JavaScript to solidify my understanding of web development fundamentals.
- Designed and implemented a responsive and intuitive user interface that showcases academic accomplishments, technical projects, and professional skills.
- Leveraged SEO techniques and modern web standards to enhance the site's visibility and accessibility

## INVOLVEMENT

### Member

Oct. 2023 – Present

*KnightHacks*

*Orlando, FL*

- Attended interactive workshops and coding demonstrations while collaborating with peers to solve complex problems and build projects through Hackathons.
- Actively contributed to discussions on programming languages, emerging technologies, and development tools deepening my understanding of the software development life cycle.

## TECHNICAL SKILLS

**Languages:** HTML, CSS, JavaScript, Python, Java, C, SQL

**Frameworks:** Bootstrap, Flask

**Tools/Technologies:** Git, GitHub, Linux, Docker, MySQL, VirtualBox, VS Code, Vim, LaTeX, Excel, PowerPoint, Photoshop