Ethan McKissic

Orlando, FL

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Education

University of Central Florida GPA: 3.7
Bachelor of Science in Computer Science *Aug. 2023 - May 2027*
- **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

Team Member June 2022 – June 2023
Panera Bread *Jupiter, FL*
- Provided efficient customer service and handled transactions for 50+ orders during peak hours, contributing to an improvement in service speed.
- Troubleshooted equipment such as the cash register and dishwasher to maintain efficient operations.
- Trained new hires on proper cash handling and cleaning procedures for opening and closing.
- Collaborated with kitchen staff to maintain an organized work area, ensuring a pleasent customer experience.

Projects

Cloud Vault | *HTML, CSS, JavaScript, Python, Flask, Docker* Sep. 2024 – Oct. 2024
- Won 2nd place in Chainguard's Wolfi OS Container Security challenge at ShellHacks 2024.
- Developed a secure file uploader using Flask, Docker, and Chainguard's Wolfi OS, ensuring secure file transmission and storage through SSL certificates and HTTPS, resulting in low to no CVEs identified during vulnerability assessments.
- Utilized containers to create isolated, portable environments, enhancing security and collaboration across development and deployment processes.
- Led the project's frontend design while contributing to backend setup, focusing on Docker implementation and web security.
- Showcased the project's capabilities in a live demonstration, effectively illustrating its user-friendly interface and robust security features to sponsors and judges.

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 practical through Hackathons.
- Actively contributed to discussions on programming languages, emerging technologies and development tools deepening understanding of the software development life cycle.

Member and Mentee March 2024 – Present
Hack@UCF *Orlando, FL*
- Engaged in club meetings and workshops focused on cybersecurity concepts such as ethical hacking, network security, Linux system administration, OSINT, and social engineering.
- Participated in practical exercises involving penetration testing, reverse engineering, and digital forensics, using platforms like HackTheBox, TryHackMe, and PicoCTF to simulate hands-on scenarios.

Technical Skills

Languages: HTML, CSS, JavaScript, Python, Java, C, SQL
Frameworks: Bootstrap, Flask
Tools/Technologies: Git, GitHub, Linux, Docker, MySQL, QEMU, VirtualBox, VS Code, Vim, LaTeX, Excel, PowerPoint, Photoshop