

Katelyn Campbell

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EDUCATION

University of Central Florida

Expected Graduation: May 2026

Bachelor of Science in Computer Science, Minor in Cybersecurity

GPA: 3.8

- Awards: UCF Provost Scholarship, Florida Bright Futures Medallion, Top Ten Knights, Tampa Tribune Honor

TECHNICAL SKILLS

- Software Engineering: C, Python, Java, JavaScript, MySQL, HTML/CSS, React framework, MongoDB, Git
- Programs: Microsoft Office, Visual Studio, Android Studio, Burp Suite, Microsoft SQL Server Manager, Eclipse, Figma, Canva, Splunk, Wireshark, Atlassian tools (Jira, Confluence, Bitbucket), GanttPro

EMPLOYMENT EXPERIENCE

Cyber Security Intern – *Hilton Headquarters*

June 2024 – Aug. 2024

- Ran internal penetration testing on Hilton applications using Burp Suite and Android Studio. Monitored Hilton's Hacker One reports and maintained an internal program to track vulnerability and penetration testing status.
- Programmed a python script to analyze the cause of blocked Hilton hosts for the Development & Automation team. Made SQL queries to the cybersecurity database and parsed the returned data to be exported to CSV file.
- Maintained a streamline development process using Jira tickets, Bitbucket, Confluence, and code reviews.

Waterfront Director and Counselor - *Tampa Metropolitan YMCA*

May 2021 – Aug. 2023

- Implemented Red Cross Coursework to lead, instruct, and maintain safety for all children and employees.
- Learned new skills quickly for certifications in First Aid, CPR, AED, Lifeguarding, and Lifeguard Instructor.
- Managed waterfront paperwork, employee certificates, and audits with American Red Cross online team.

RELEVANT PROJECTS

Automated DB Connectivity Report

June – August 2024

- Developed an automated python tool to collect reports of GIS being blocked from connecting to Hilton devices
- Gathered information through pyodbc connection and SQL queries for the blocked messages. Then used this information to parse data in a readable way to investigate the cause of these blocked ports and export a CSV file.
- Explored firewall permissions and blocked TCP ports to automate change requests and solve permission issues

AAB – E-commerce Platform for Running Apparel

October 2024 – Present

Team Project | MERN Stack, React, Flutter, Android Studio, Stripe, Figma

- Led development of the website front-end using React to create a dynamic site for seamless user interaction.
- Utilized Flutter to build and deploy a cross-platform mobile application, including integrating it with a physical device using Android commands to test and ensure user experience across both web and mobile platforms.
- Managed expansive database using MongoDB, allowing users to create an account, reset password, shop items by category, and view order history. Includes features such as user authentication and secure Stripe checkout.

PROFESSIONAL AFFILIATIONS

Theta Tau Engineering Fraternity

Vice President

Oct. 2023 – Present

- Directed board operations, including applications, assigning roles, and planning events. Oversaw Community Service, Philanthropy, Professional Development, and Academic boards, for successful execution of initiatives.
- Helped members succeed by creating study resources, hosting mock interviews, and practice Foundation Exams.
- Led community involvement, collaborating with organizations like Destination Mars and Light Orlando to organize service events. Leading and participating in donation drives, community clean up, and KnightThon.

Collegiate Cyber Defense Team (HackUCF)

Operations Member

Aug. 2022 – Present

- Worked with Operations Team to plan general body meetings and obtain sponsorship for the club.
- Updated HackUCF social media platforms to successfully increase engagement with sponsors and members.
- Led a team in the annual club cybersecurity competition focused on software defense and integrity, actively hardening defenses for Linux and Windows boxes from a 'Red Team' posing as hackers.