Joseph Posas

Charlotte, North Carolina | joseph.posasm@gmail.com | 980 899 3207 | https://jbimard.github.io

linkedin.com/in/joseph-posas | github.com/jbimard

Professional Summary

I am a Computer Science student with a concentration in cybersecurity and hands-on experience in QA testing, software development, and exploit automation research. Proficient in Java, Python, and Swift, with strong skills in app development and cloud technologies. I'm seeking an internship to apply my cybersecurity knowledge and contribute to meaningful projects while collaborating with cross-functional teams..

Education

University of North Carolina at Charlotte , BS in Computer Science with a Concentration in Cyber Security   August 2024 – Present

- **Coursework:** Linear Algebra, Web App Design and Development, Introduction to Information Security and Privacy

Central Piedmont Community College, Assosiates Degree in Computer Science   May 2024

- GPA: 3.94/4.0
- **Coursework:** Data Structure and Algorithms, JAVA Programming, Statistics, Advanced JAVA Programming, Intro to Programming and Logic

Experience

Intern, Linxy – Charlotte, NC   March 2024 – August 2024

- Conducted thorough QA testing to identify and resolve bugs, ensuring a seamless user experience.
- Designed, developed, and integrated new features to enhance app functionality.
- Developed the admin and customer panels for the Linxy app, improving management and customer interaction.

Peer Mentor, Honeywell / Central Piedmont Community College - Charlotte , NC   December 2023 – July 2024

- Provided guidance, encouragement, and support to cohorts of students aiming for academic credentials and careers in STEM fields, resulting in improved student engagement and academic performance.
- Offered instruction in mathematics and computer programming, focusing on enhancing students' skills and comprehension, which led to increased confidence and proficiency in these subjects.
- Assisted students with classes covering Java, Python, CSS, and other programming languages, broadening their understanding and proficiency, which contributed to their successful completion of coursework.

Research

2024 North Carolina Space Symposium, NASA – Raleigh, NC   December 2023 – March 2023

- Contributed to a multi-month project focused on researching student pathways in aerospace, utilizing coding programs and data sheets to analyze trends and outcomes.
- Presented research findings and methodologies at the 2024 North Carolina Space Symposium, engaging with students, NASA representatives, and industry professionals.
- Developed the admin and customer panels for the Linxy app, improving management and customer interaction.

Independent Study, University of North Carolina at Charlotte – Charlotte, NC   September 2024 – Present

- Conducted research on formal models of exploits, focusing on automated exploit generation with and without Large Language Models (LLMs) , which enhanced understanding of exploit automation techniques.
- Found and utilized exploit templates and exploit primitive templates for automated exploit construction, improving the efficiency of exploit development processes.
- Collaborated on research aimed at advancing cybersecurity methodologies, specifically in automated exploit creation, contributing to the development of more robust security protocols.

Projects

Bridge App

- Developed the "Bridge" app using Swift UI and Xcode, providing students with a comprehensive platform to access Transfer Credit information, student resources, and scholarship opportunities. Proficient in iOS development with SwiftUI.
- Implemented the use of Figma to create a comprehensive demo, meticulously designing the user interface and user experience before proceeding with the development of the app.

Extracurricular

Coding Club, Central Piedmont Community College – Vice President   January 2024 – August 2024

- Co-founded the Computer Science Club at Central Piedmont Community College and fostered a collaborative environment for coding projects, workshops, and networking events, enhancing member engagement and skill development
- Organized industry speaker sessions, empowering students to explore emerging technologies and expand their skill sets within the field of computer science.

Technologies

Languages: Java, Python, HTML, CSS, Swift UI.

Technologies: GitHub, XCode, Figma, Photoshop.

Cybersecurity: Vulnerability Assessment, Compliance Testing, Threat Modeling.