Chloe Posthuma-Coelho

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EDUCATION

Florida International University- Miami, FL

Bachelor's Degree, Computer Science **May 2024**

CodePath, Certificate in iOS Development **Sep 2022**

- <u>Relevant Coursework:</u> Graph Theory, Programming I & II (Java), Object-Oriented Programming with Java, Calculus I & II, Human-Computer Interaction, Computer Architecture, Data Structures, Systems Programming

EXPERIENCE

Cyber Futures Intern at the MITRE Corporation **June.2023 -Aug.2023**

- Conducted attack simulations to analyze how to recover from a cyberattack in the manufacturing sector, supporting the National Cybersecurity Center for Excellence
- Performed simulations through Debian GNU/Linux, utilized Malcolm SIEM to collect event logs in real time and Winlogbeat to record intrusions or attempts to enter the system which are forwarded to Malcolm.
- Installed an agent within Malcolm to provide traffic analysis, log management, malware detection, monitoring to prevent data breaches, threat and vulnerability detection.
- Participated in hands-on training on topics including: Introduction to Linux servers and SIEM solutions, Introduction to Windows command line, Intro to ATT&CK, Risk Management Framework (NIST SP 800-30), and Intro to Reverse Engineering.

Web Designer for FIU Dining, Chartwells Higher Education **Aug. 2022-Sep. 2022**

- Designed, managed FIU dining's webpages to fix accessibility issues for visually impaired viewers and fixed faulty weblinks.
- Worked with Canva and Photoshop to help design menu pamphlets for a football game hosted by FIU dining.
- Developed circular ice cream and plastic straw designs for pins for the plastic-free dining campaign.

CodePath Connected Classrooms Tech Fellow (iOS) **Jan.2023-April.2023**

- Served as a Teacher Assistant (TA) to 50 students providing mentorship and extensive instruction in Swift, XCode. Collaborating to pitch and develop iOS mobile applications.
- Led weekly office hours to support students through their assignments and answer technical questions.

TECHNICAL PROJECTS

Katy Youth Hacks Hackathon - *(Girls who Code)* View on Devpost

- Combined elements of design and UX, frontend web development to create an interactive website showcasing food desert hotspots in Miami-Dade.
- Awarded "audience favorite" winning category at the hackathon.
- Technical skills: JavaScript, Python, HTML/CSS, Figma and Canva for mockups and prototyping.

Flower Power — *webpage (Personal Project)* View Project

- Designed and implemented an interactive e-commerce landing page for a flower-selling boutique.
- Features shopping cart, search button, product categories, ability for the user to "heart" a product they may enjoy.
- Technical skills: Figma for prototyping, Canva for favicon design, HTML/CSS, and JavaScript

Facilinate— (ShellHacks 2022) View Project | View Case Study

- Implemented an interactive web application providing local food, clothing, and other donation opportunities through a chatbot program created with Python and JavaScript
- Features an embed map with information about local food banks such as the center's address and what products they urgently require.
- depending on user input when signing onto the main page (zip code and a donation product keyword (e.g. toiletries, food), potential donors are matched with local donation opportunities.
- Technical skills: Figma and Behance for prototyping, HTML/CSS, Python and JavaScript for code and chatbot.

SKILLS

Programming Languages: Python, Swift, Java, C, C++, JavaScript, HTML/ CSS

Programs, Technologies, and Software: React, Arduino, XCode, Visual Studio Code, Git, GitHub, Microsoft 365, LinuxOS, MacOS, Windows OS, Adobe XD, Adobe Illustrator, Photoshop, Figma, Canva

Skills: Wireframing, prototyping, user testing, web design/development, user testing, graphic design, presentation design, UX design, and writing, qualitative research, agile methodologies, human centered design.

LEADERSHIP & AFFILIATIONS

• Women In Computer Science at FIU • Girls Who Code • Upsilon Pi Epsilon at FIU • CodePath • Brazilian Student Association at FIU • Break through Tech Miami