Felix Balandran

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EDUCATION

University of Kansas   Lawrence, KS
Bachelor of Science in Cybersecurity Engineering | GPA: 3.86   *Aug. 2023 – Present*
    Involvements: Viceroy, ACM, HackKU24, HackMidwest24
    Coursework: Software Engineering, Distcrete Structures, Programming II

INVOLVEMENTS

Undergraduate Research Project   May 2024 – August 2024
Midwest Viceroy Institute   *Lawrence, KS*
- Collected data sets that would be helpful in training a deepfake audio detection tool
- Used the collected data-sets to curate our own data set for training deep learning models
- Collaborated on designing a deep learning model utilizing Generative Adversarial Networks (GANs) to implement a live audio deepfake detection system

Hackathon Participant   April 2024
HackKU   *Lawrence, KS*
- Utilized Flutter's framework to create a hygiene calendar application promoting hygiene for programmers
- Learned the basics of Flutter and introduced myself to app development
- Participated in my first hackathon where I attended several workshops

Midwest Viceroy Program   May 2023 – Present
University of Kansas   *Lawrence, KS*
- Pursued professional development by enrolling in the MVI program, funded by the Office of the Undersecretary of Defense, to enhance skills in cybersecurity and electromagnetic spectrum (EMS) operations.
- Enrolled in CompTIA Security+ certification courses starting October 2024, with the goal of expanding expertise through Cyber Operations coursework.
- Engaged in interdisciplinary research supported by the Air Force Research Laboratory and Griffiss Institute, with plans to apply findings to cybersecurity and EMS advancements.

PROJECTS

ThriftBot | *Python, Selenium, BeautifulSoup*   December 2023 – January 2024
- Created a web scrapper that collected clothing searches and gave the user top prices and results from Ebay, Depop, and Grailed
- Automated browser operations using the Selenium framework
- Created an intuitive menu to display user options, simplifying user interactions

TECHNICAL SKILLS

Languages: Python, C/C++, ZSH, Bash, HTML/CSS, LaTex
Frameworks: Flutter
Developer Tools: Git, Docker, VIM, Linux,
Libraries: Matplotlib

AWARDS AND HONORS

Traditions Merit Scholarship   August 2023 – Present
University of Kansas