Pranav Mahesh

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EDUCATION

B.S. in Computer Science | University of Arkansas | Expected Graduation: May 2025
Concentration: CyberSecurity | Minor: Mathematics | GPA: 3.40

SKILLS SUMMARY

- Languages: *Python, C++, React, JavaScript, TypeScript, HTML, CSS*
- Softwares: *Kali Linux, ServiceNow, CYERA*

WORK EXPERIENCE

Data Security Intern | *Tyson Foods* **Summer 2024 - Present**

- Handled service tickets through *ServiceNow*, granting exceptions with *CrowdStrike* based on business justification. Used *CYERA* to analyze requests and limited exceptions to maintain data security.
- Won the ***Best Presentation Pitch Award*** in an intern RPA hackathon for creating a bot in Python that automates daily data intake tasks for Customer Service team- reducing the work from 2 hours to 1 second.
- Shadowed the SOC team to learn how the company prevents both internal as well as external attacks.

Software Development Intern | *Arvest Bank* **Summer 2023 - December 2023**

- Created pages for a web app in HTML, then converted it into JavaScript.
- Using *CSS* for styling, and *React.js* to connect the pages, designed issue-tracking applications.
- Worked with an Intern team to research *Zero Trust*, presented it to the Executive Board, and explained the benefits of implementing it at Arvest.

PERSONAL PROJECTS

Photon Laser Tag Game | *University of Arkansas, Fayetteville* **Spring 2024**

- Led a software engineering team to recreate a laser tag system using Python's Tkinter, Pygubu and Pygame libraries.
- Implemented communication with the Photon hardware using the UDP transport layer protocol.
- Organized the team to work in an Agile format through weekly standup updates and Sprint deadlines.

JOLT Cyber Challenge | *University of Arkansas, Little Rock* **Fall 2023**

- Attained ***Fifth place*** in a 'Capture the Flag' style competition, among 35 competing teams of four.
- Used Kali Linux to connect to the local port, and collaborate with my team while completing challenges.
- Challenges focused on: reverse engineering, encoding, cryptography, kerberoast, & web vulnerabilities.

Open-World Game | *University of Arkansas, Fayetteville* **Fall 2023**

- Developed an open-world game in Python along with Java, JavaScript, HTML and Typescript for efficiency in object-oriented concepts such as polymorphism, encapsulation and information-hiding.
- Employed Typescript, Javascript and HTML to develop client-side programming, and Python for server-side, illustrating competence in creating dynamic web pages to run multiple servers.

LEADERSHIP EXPERIENCES

Secretary(Spring) - Vice-President(Current) | *CyberHogs* **Spring 2024 - Present**

- Organized and created challenges alongside other officers for our Capture The Flag competitions.
- Coordinated meetings with other officers, and communicated with college faculty to promote connections between club members and college resources.

LANGUAGES

- Fluent in: *English, Hindi, Tamil, and Marathi.*

AWARDS

John E. and Alta P. Larrison Scholarship | *College of Engineering* **Fall 2022**

CERTIFICATIONS

CompTIA Security+ Cert Prep: 1 Threats, Attacks, and Vulnerabilities | *Linkedin* **June 2024**
Learning Cryptography and Network Security | *Linkedin* **May 2024**
Foundations of Cybersecurity | *Coursera* **June 2023**