

Anush Koneru

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EDUCATION

Drexel University

Bachelor of Science in Computing and Security Technology (3.97 GPA)

Philadelphia, PA

Sep. 2022 – Expected March. 2025

EXPERIENCE

Drexel University

Course Assistant

Philadelphia, PA

June 2024 – Present

- Part-time role assisting professors in grading assignments, holding office hours, and supporting students.
- Summer 2024: Provided academic support for CT-320 Open Server II and CT-415 Disaster Recovery.
- Fall 2024: Provided academic support for INFO-103 Introduction to Data Science.

Advin Servers

Founder & Owner

Wilmington, DE

Nov. 2020 – Present

- Launched and scaled a company offering cloud solutions, including virtual private servers and bare metal servers.
- Repelled against sophisticated Layer 4 and Layer 7 denial of service attacks targeting public cloud infrastructure.
- Built a global network and compute infrastructure across 12 worldwide locations, featuring over 200 Gbps of network capacity, petabytes of data, terabytes of memory, and thousands of high-performance compute cores.
- Oversaw the provisioning and seamless management of over 10,000 virtual servers for over 4,000 clients.
- Developed custom software in PHP, Python, Rust, and C to enable automation and enhance operational efficiency.

FroHost

Founder & Owner

Swedesboro, NJ

Dec. 2018 – Feb. 2020

- Launched and scaled a successful startup offering diverse hosting solutions with a focus on managed game servers.
- Led a dedicated team of employees, fostering a collaborative environment to streamline day-to-day operations.
- Developed custom scripts in Python and integrations in PHP to enable automation and enhance operational efficiency.
- Successfully negotiated and executed merger with a long-standing industry peer in Feb. 2020, expanding market reach.

FEATURED PROJECTS

Threat House | *Laravel, PHP, Vue.js, TailwindCSS, Python, C*

July 2024 – Present

- Built and deployed a diverse set of honeypots to monitor and analyze cyber intrusion attempts.
- Manage a globally distributed network of low-interaction, medium-interaction, and high-interaction honeypots to gather intelligence on malicious activity, including the identification and analysis of commands executed by attackers.
- Collected data from over 500,000 IP addresses involved in intrusion attempts, and sent over 10,000 reports to ISPs.

Drexel HiveMind (Senior Project) | *Laravel, PHP, Vue.js, TailwindCSS, Python*

Jan. 2024 – June 2024

- Led the development of a cybersecurity suite for the Drexel Senior Project competition, reaching the finals.
- Designed to be a production-ready, scalable suite of cybersecurity tools managed through a centralized web-interface.
- Automated monitoring of vulnerable devices, network security assessments, and predictive analysis to detect and identify abnormalities in intrusion attempts.

Archive Video Mirror | *Laravel, PHP, Vue.js, TailwindCSS*

Dec. 2020 – Present

- Built a full-stack web application for mirroring content from Reddit, using Laravel, Vue.js, and TailwindCSS
- Allows for the scalable downloading, mirroring, and scraping of videos, images, and metadata from Reddit posts.
- Supported over 10,000 daily visitors and handled over 1TB of daily bandwidth at peak times.

ADDITIONAL SKILLS

Programming Languages: Python, PHP, JavaScript, C, C#, C++, Java, Rust, R

Frameworks: Laravel, Vue.js, Nuxt.js, Next.js, TailwindCSS, Flask, Django

Fields: Cybersecurity, Systems Administration, Programming, Cloud Computing, Virtualization

Software: Proxmox VE, Oracle VM VirtualBox, cPanel, Plesk, Visual Studio Code, Visual Studio, IntelliJ, Git

Cloud Platforms: Amazon Web Services, Google Cloud Platform, Microsoft Azure, Oracle Cloud