Anush Koneru

✉ ank326@drexel.edu | ☁ anush.me | 🔗 linkedin.com/in/anushkoneru

EDUCATION

Drexel University   **Philadelphia, PA**
Bachelor of Science in Computing and Security Technology (3.97 GPA)   *Sep. 2022 – Expected March 2025*

EXPERIENCE

Drexel University   **Philadelphia, PA**
Course Assistant   *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.
- Winter 2025: Providing academic support for CT-301 IT Security II.

Advin Servers   **Wilmington, DE**
Founder & Owner   *Nov. 2020 – Present*
- Launched and scaled a company offering cloud solutions, including virtual private servers and bare metal servers.
- Managed sophisticated denial of service attacks and cybersecurity threats targeting public cloud infrastructure.
- Built and maintained globally distributed infrastructure spanning 12 worldwide locations, featuring 300 Gbps of network capacity, petabytes of storage, 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 solutions in PHP, Python, Rust, and C to automate machine deployment, provide secure client management capabilities, and implement comprehensive infrastructure monitoring and management.

FroHost   **Swedesboro, NJ**
Founder & Owner   *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 a 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
- Developed and deployed diverse honeypots to monitor, analyze, and mitigate cyber intrusion attempts.
- Managed 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 | *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.
- Implemented automated monitoring systems for vulnerable devices, automated security assessments created by large language models, and predictive analysis to proactively identify potential intrusion patterns toward public networks.

Ascienth PoC | *C# .NET, C++, Lua*   Apr. 2018 – Dec. 2019
- Developed a proof-of-concept exploit using C++ and C# .NET, enabling execution of unrestricted Lua scripts within Roblox.
- Employed reverse engineering techniques to bypass platform security mechanisms.
- Gained hands-on experience in low-level system manipulation and scripting.

ADDITIONAL SKILLS

Programming Languages: Python, PHP, JavaScript, C, C#, C++, Java, Rust, R
Frameworks: Laravel, Vue.js, Nuxt.js, Next.js, TailwindCSS, Flask, Django
Expertise: 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
Honors: Drexel Dean's List, Rowan University Scholarship (Partial Merit Award)