

Dylan Krishnan

Cybersecurity Analytics and Operations

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🔗 dylankri.sh

Developer majoring in Cybersecurity Analytics and Operations at Penn State University. Proficient in Python and Java. Over 5 years of Linux experience. Interned at a major pharmaceutical company developing algorithms for drug product development and clinical manufacture.

EXPERIENCE

Pfizer Inc., Frontend Development Internship

May 2023 - August 2023

- Developed a frontend app for Pfizer Drug Product Design to streamline the outsourcing process
- Replaced inefficient email-based outsourcing, and created a centralized dashboard for outsourcing requests
- Included features for spending analytics
- Enhanced data metrics for the outsourcing team that were previously not visible

Pfizer Inc., Research Internship

June 2020 - August 2022

- Developed a Python program to optimize clinical doses for drug product manufacture for clinical studies
- Accelerated drug product design and development
- Lead to a publication submitted to research journals
- Algorithm utilized for development of Covid-19 and Oncology drugs, particularly for pediatric programs

SMC Server Solutions

Jan 2021 - Present

- Linux server maintenance and Docker
- Game servers with Pterodactyl

EDUCATION

The Pennsylvania State University, University Park, PA | GPA: 3.63

B.S. Cybersecurity Analytics and Operations, College of IST, Class of 2026

RELEVANT COURSEWORK

- CYBER 100: Computer System Literacy
- IST 220: Network and Telecommunications
- CYBER 262: Cyber-Defense Studio
- IST 210: Organization of Data
- IST 242: Intermediate & Object-Oriented Application Development
- CMPSC 131: Programming and Computation

SKILLS

- Software – Python, Java, SQL, Docker, Git, GitHub, Ubiquiti UniFi, Microsoft Active Directory, Visual Studio Code, DevOps, AWS, Google Cloud, Oracle Cloud, Microsoft Azure
- Operating Systems – Windows, macOS, Ubuntu, Debian, RHEL, Rocky & Oracle Linux, CentOS, Fedora
- Communication skills & leadership skills from various internships & work experience