

Aiden Cullinan

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EDUCATION

Arizona State University

Bachelor of Science in Applied Computing (Cybersecurity)

Arizona State University

Minor in Mathematics

RELEVANT COURSEWORK

Computer Networks

- Covers networking fundamentals, protocols, and secure data communication.

Network Security

- Explores cryptographic protocols, network attacks, threat modeling, and defense strategies.

Wireless Networks and Security

- Examines wireless communication, security challenges, and protection mechanisms.

Foundations of Artificial Intelligence

- Introduces AI concepts including search algorithms, logic, and decision-making under uncertainty.

PROJECTS

Gitlytics | *Python, Flask, React, PostgreSQL, Docker*

June 2020 – Present

- Developed a full-stack web application using with Flask serving a REST API with React as the frontend
- Implemented GitHub OAuth to get data from user's repositories
- Visualized GitHub data to show collaboration
- Used Celery and Redis for asynchronous tasks

Simple Paintball | *Spigot API, Java, Maven, TravisCI, Git*

May 2018 – May 2020

- Developed a Minecraft server plugin to entertain kids during free time for a previous job
- Published plugin to websites gaining 2K+ downloads and an average 4.5/5-star review
- Implemented continuous delivery using TravisCI to build the plugin upon new a release
- Collaborated with Minecraft server administrators to suggest features and get feedback about the plugin

TECHNICAL SKILLS

Networking: TCP/IP, UDP, DNS, HTTP/HTTPS, Packet Analysis, VPN, Firewalls, VLANs, NAT

Network Security: Wireshark, Kali Linux, Cryptography, Secure Network Design

Programming: Python, Java, C, Bash (for scripting and automation)

Database: SQL, SQLite, MySQL (for backend data management)

Tools & Platforms: Git/GitHub, Linux/Unix, VMware, VirtualBox