# Anonymous

✓ Anonymous@gmail.com

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in /Anonymous / Anonymous

#### **EXPERIENCE**

#### Offensive Cybersecurity Consultant

RSM US LLP

July 2021 – July 2024 Chicago, IL

- Performed red team, physical penetration, & network penetration testing as a technical lead of the close access and network exploitation teams.
- Mentored and led testing across web application, LLM/AI models, wireless network, social-engineering, cloud penetration testing, & configuration review assessments (AWS).
- Developed Python and Tmux automation framework to streamline network penetration testing organization & automating attacks; reducing start-up time by 85% for testers.
- Built modular scanner and reporting utility with **Python** and **Docker** to asynchronously run security tooling, including **AWS** configuration and code review, before consolidating output into standardized findings for reporting.
- · Created a long-range RFID badge cloner using microcontroller devices with live credential reading through a Raspberry Pi wireless AP.
- Provided actionable remediation recommendations to client executives by delivering breach vector reports, enabling risk reduction &
  minimizing liability exposure for Fortune 10 technology companies, Fortune 500 financial institutions, & private clients.

## **Security Software Engineering Intern**

May 2020 — Dec 2020 Bloomington, IN

Synopsys

• Automated AB-testing analysis through **Python** scripting report comparison, resulting in a 40% reduction in manager analysis time.

- · Aggregated assessment data across Netsparker, AppScan, & BurpSuite through Jira & PostgreSQL, facilitating tracking of vulnerability trends.
- · Designed & implemented an automated Tableau storyboard for senior managers & C-level to track trends across assessments.

# **Penetration Security Consulting Intern** *RSM US LLP*

Jun 2019 – Aug 2019

Chicago, IL

- · Performed assisted network and web application penetration testing on client engagements.
- · Developed Visual Basic macros & Python scripts for automating drafting/draft handling in Excel.
- · Measured client compliance within NIST CSF assessments through direct communication with key stakeholders.

### Undergraduate Instructor: Intro. to Python Programming

Indiana University

Sep 2018 – Jun 2020 Bloomington, IN

- · Developed & maintained Python scripts to facilitate autograding of 200+ students.
- · Led and assisted instruction for student groups of 20-45 through 55 exercises & labs regarding Python.

#### **EDUCATION**

#### **B.A.** in Computer Science

Aug 2017 – May 2021

Indiana University

Bloomington, IN

Relevant Courses: Data Structures, Machine Learning, Relational Databases, Networking, C and Unix, Discrete Mathematics, Linear Algebra

#### TECHNICAL SKILLS

Certifications: PNPT, SANS GPCS, CompTIA CvSA+, AWS Certified Cloud Practitioner

Security: Red Team, Internal/External Network, Web Application, Physical, & Social Engineering Penetration Testing

**Languages:** C/C++, Python, SQL, JavaScript, HTML/CSS, Unix Bash

Miscellaneous: AWS, Docker, Containerization, Linux, Tenable Nessus, Forklift-certified, Cobalt Strike

#### **PROJECTS**

Scylla

2023 - Present

• Orchestration and automation tool developed using Bash and Python to support efficient and consistent internal network penetration testing.

Charybdis

2023 - Present

 Asynchronously scan and ingest data for static code and cloud account configuration testing- spitting out human-readable, highly customizable reporting templates.

#### **PassMaske**

2024

Analyze a list of passwords using novel bucket-sort implementation to improve computation by 40% and provide an analysis of the the
passwords into a mask ingestible to hashcat.

#### **Dockerized Metasploitable Lab**

2021

Developed a docker network connecting a Kali OS to a Metasploitable OS to facilitate pen testing practice.

#### **Tor Browser Fingerprinting Research**

2019

Measured comparative data sets to determine Tor browser's anti-fingerprinting capabilities and develop an algorithm to bypass controls.

#### VOLUNTEERING

#### **#HashtagLunchbag Volunteer**

2022 - 2024

· Packed lunches to help prepare meals for Pacific Garden Mission homeless shelter.