

Hrishikesh Dahale

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Education

Arizona State University (ASU)

MS in Computer Science (Cybersecurity)

GPA 4.0

Aug. 2021 - May. 2023

College of Engineering Pune (COEP)

B.Tech in Electronics and Telecommunication

GPA 3.08

Aug. 2014 - Jun. 2018

Technical Skills

Tools

Visual Studio Code, Anaconda, Git, XCode

Programming

Python, GoLang, Kotlin, Android, Swift, MySQL

Internship/Research

Amazon.com Inc.

Seattle, Washington

Software Developer Engineer Intern

May. 2022 - Aug. 2022

- Developed an API that enables the sysops-sap service to automate the configuration process of the AWS-Backint backup service with the AWS backup vault, reducing manual effort and errors.
- Built serverless functions using Kotlin, which improved the scalability, performance and cost effectiveness of the solution.
- Took ownership of the entire API development life-cycle, from collecting and analyzing requirements, to devising various strategies, enhancing user experience, performing unit testing and integrating with other systems seamlessly.

Arizona State University

Tempe, Arizona

(Volunteer) Research Assistance

Feb. 2022 - Feb. 2022

- Demonstrated knowledge and understanding of 5G MANO (Management and Network Orchestration) by researching 3GPP TS 28.531, TS 28.532 Release 15 (R15) to achieve the management and scheduling of 5G network slices.
- Conducted thorough analysis of the 5G MANO test pad, identified potential flaws or backdoors, and composed test cases and scripts to confirm vulnerabilities (if any) in the system.
- Contributed to the research team by identifying security vulnerabilities and potential weaknesses in the 5G network orchestration system and proposed solutions to improve the security and reliability of the network.

Azure Skynet Solution Pvt. Ltd

Pune, India

Ethical Hacking and Cybersecurity (Internship)

Jun. 2017 - Aug. 2017

- Demonstrated knowledge of various tools used for system information collection, penetration testing, and identifying server/system vulnerabilities by researching and discovering the many tools available in the market.
- Conducted thorough analysis of the tools, their features, and functionalities to understand their potential use cases and effectiveness in the field of system security.
- Developed understanding of the tools that are widely used in the industry, and how they can be utilized to identify vulnerabilities, and perform penetration testing, with the ultimate goal of improving the security of the systems.

Experiences

Cognizant

Chennai, India

Project-Associate

Nov. 2018 - Oct. 2019

- Successfully developed and implemented an automated end-to-end report generating solution using Visual Basic and PowerShell script, resulting in a significant reduction of human labor required for daily report generation.
- Demonstrated expertise in web design by implementing multiple proof-of-concept Web UI designs using DotNet and improving the overall user experience.
- Developed an iOS app for a toy shop that utilizes scanning technology to check for a specific toy in a client database, and offers similar products as a result. Utilized a pre-designed ML module to complete the project effectively and delivered a high-quality solution on time and within budget.

Certifications

In-Progress

CompTIA: Security +

Sep. 20, 2022

ForAllSecure: Mayhem Certified

Dec. 2019-2021

EC-Council: CEH-Certified Ethical Hacker