

# Abhinav Ranish

623.281.7065 • aranish@asu.edu • linkedin.com/in/abhinavranish/ • aranish.codes

## EDUCATION

**B.S, Computer Science (Cyber);** Justice Studies (Minor)  
Arizona State University, Tempe, AZ

Graduating May 2026

## TECHNICAL SKILLS

**Programming:** Python, C, C++, Java, HTML, JavaScript, CSS, Express.js, React.js, P5js, Bash, Git, SQL, Tailwind

**Cyber Security:** Nmap, Wireshark, Burp Suite, OSINT, Metasploit, Virtual Machines, Wireless Security, VAPT

**Other Tools:** Excel, Microsoft Office, G Suites, GitHub, AWS hosting, Teams, Cloudflare Pages

**Certifications:** Certified Penetration Tester, Career Essentials in Cyber-security, CIP, File Security Associate

## PROFESSIONAL EXPERIENCE

**Arizona State University, Tempe, AZ: Technology Consultant – Enterprise Technology** November 2024 - Present

- Provided in-class tech support, quickly addressing issues with projectors, cameras, mics, and more
- Managed front desk, assisting faculty and staff with real-time inquiries via phone, Slack, and in-person.
- Performed end-of-day checks to confirm tech functionality and classroom security.
- Demonstrated adaptability and problem-solving in a fast-paced environment.

**Qatar Financial Center Regulatory Authority, Doha, Qatar: Information Technology Intern** May 2024 - July 2024

- Communicated effectively with clients, configured clients' work environments to meet corporate requirements.
- Deployed over 150+ laptops with Standard Operating Environment, setting records for deployment speed
- Created presentations on IT Infrastructure with basic understanding of Trellix, Azure, FortiClient infrastructure.
- Managed sensitive and client data in compliance with company regulations, ensuring confidentiality and security.

**Mannai Corporation, Doha, Qatar: IT Intern** July 2023 - August 2023

- Contributed to the development of an ASP.NET website within a team.
- Gained proficiency in switch configuration, IP addressing, subnetting, and VLAN management.
- Applied practical knowledge in computer networking.

## ACADEMIC PROJECTS

**Auto Class Enroller** Fall 2023 – Present

Developed an application in Python to automate student enrollment in classes, enhancing registration efficiency.

- Build a scraper using Selenium to actively scrape data from ASU websites to monitor class availability.
- Created an Auto Login tool with a workaround for 2FA to streamline login and enrollment processes.

**Exploiting a Vulnerable Computer** Summer 2023 – Fall 2023

Final Project of the Certified Penetration Tester Certification

- Used SA-CORE-2014-005 - Drupal - SQL injection to exploit a VM independently.
- Used Metasploit to deliver payload and gain higher access. 3 Month Certification.

**Devils Invent – Honeywell** Spring 2024

Developed a Flight Path Algorithm for eVTOLs for a Hackathon at Arizona State University

- Used Dijkstra's to calculate the best path in between landing zones, used fuel index vs speed index for queueing
- Developed a crash detection system based on priority and speed index of the eVTOLs.

**Spotify Visualizer Website** Summer 2024

Deployed a live website using AWS with Cloudflare encryption

- Implemented MongoDB for efficient database management and integrated Spotify API to grab song data.
- Developed dynamic visual effects with Three.js geometry to enhance the user experience.

## OTHER WORK EXPERIENCE

**Zenith Gavels - Toastmasters Intl, Qatar: President** Jun 2020 – May 2021

- Accumulated 5+ years of experience in public speaking, including leading impromptu speaking sessions.
- Effectively communicated with colleagues, managed sensitive data, and reviewed/approved member awards..
- Evaluated member performances, provided constructive feedback, and ensured responsibilities were fulfilled while expanding membership.