

# Akshitha Ravi

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## PERSONAL STATEMENT

I have always been interested in computer science and after completing my computer science degree I have chosen to specialize in cyber security. Cyber security is very important and an essential part of any organization. I want to be part of a cyber team to help with the continued challenge of protecting against bad actors and growing my career.

## EDUCATION

**Master of Science, Cybersecurity, Technology, and Policy -**  
*The University of Texas at Dallas*

*August 2024*  
**Grade: 3.73/4.0**

**Bachelor of Engineering, Computer Science -**  
*Panimalar Engineering College, India*

*August 2022*  
**Grade: 8.58/10.0**

## SKILLS

- MS Office Suite
- Wireshark/Nmap/Burp Suite
- Identity Access Management
- DNS Monitoring
- OWASP Top 10
- NIST SP 800-53
- C & Java
- HTML/CSS
- VMWare
- Eclipse
- SQL

## INTERNSHIP EXPERIENCE

**Java Intern, The Shiash Infotech - October 2021 - December 2021**

- In this role I conducted Java code reviews, identifying, and resolving software issues before deployment this helped increase the deployment frequency of applications and this also resulted in a more robust and stable codebase.
- I had to be self disciplined with my time management to ensure that multiple tasks got completed to meet tight project delivery deadlines to ensure smooth project progression.

**Cyber Security Intern, Bank of Montreal (BMO) - August 2023 - December 2023**

- In this role I conducted DNS monitoring looking for fraudulent websites being registered ~5,000 every month, were detected and mitigated/closed reducing the potential threats to the business.
- Assisted in the implementation of intake processes, resulting in 40% improved response time for IT service requests.
- Improved efficiency by reducing the number of IT service requests received via Cherwell Service Management, resulting in a 20% overall service efficiency gain.

## ACADEMIC PROJECT EXPERIENCE

**Scrutinizing Manifold Stipulations by Linear Kernel, Cybernetics - December 2021 - July 2022**

Completed a project that would demonstrate a potential 40% increase in the efficiency of a car manufacturer using real-time high dimensional data.

**Personality Prediction through CV analysis, Web Page - May 2021 - September 2021**

Designed and implemented a web application using HTML, PHP, MySQL, and JavaScript, that analyzed the five big personality traits – Openness, Extraversion, Neuroticism, Agreeableness & Conscientiousness,

**Pattern Lock Authentication with in-built Fingerprint sensor for android - July 2021 - August 2022**

Undertook research on the android authentication and created/published a scholar paper in the 5<sup>th</sup> International Conference on Intelligent Computing Iconic 2022.

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## CERTIFICATIONS

- Programming with C and C++
- International Workshop on Ethical Hacking
- Google Cybersecurity Professional Certificate
- (ISC)2 Certified in Cybersecurity
- CompTIA Security+

## RELEVANT COURSEWORK

- Cyber Security Fundamentals
- Digital Forensics and Management
- Cognitive Psychology in Cybersecurity
- Data Privacy and Security
- Legal Aspects of Cyber Security Ethics
- Cyber Security Analytics & Malware Analysis
- Cyber Security Policy
- Governance and Auditing Essentials for Cybersecurity
- Cyber Physical Systems and Critical Infrastructure Security