AYAAN PATEL

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EDUCATION

BA in Computer Security with Specialized Honors, York University *Jan 2020 - Apr 2023*
    Organizations/Awards: International Award of Merit (1000), Undergraduate Award (5000), Lassonde Security Club.

WORK EXPERIENCE

Munich RE **Toronto, ON**
Project Manager (Global IT) *May 2022 - Aug 2022*
- Successfully led global planning efforts for 2 projects using agile, from conception to delivery and training, with two teams of over 10 members within a 4-month period.
- Developed 2 SharePoint Online-based project hubs, utilizing tools such as Power BI, Microsoft Flow, and Microsoft Forms.
- Guided the transition of management and their teams to the SharePoint platforms by conducting training sessions and creating manuals for 6 regions and over 30 members worldwide.
- Managed the global team's standardization efforts, ensuring synchronization of artifacts with LeanIX and ServiceNow based CMDB.

York International **Toronto, ON**
Website and Social Media Assistant *Jun 2022 - Apr 2023*
- Improved the quality of information and design on the York International website to create a more engaging platform for over 5000 international students, resulting in increased efficiency and accessibility of information.
- Led the development of the new website from its inception, incorporating current trends and best practices to cater to a diverse group of nationalities and disabilities, creating a platform that is inclusive and accessible to all international students.
- Developed and implemented a comprehensive digital marketing strategy, resulting in a 30% increase in website traffic and a 20% increase in lead generation within the first 6 months.

Sherlock Research Team, York University **Toronto, ON**
Research Assistant *Jan 2023 – Apr 2023*
- Investigated alternative threat intelligence solutions to Darkowl, while also tracking and checking the availability of Dark web sites in the Clearnet to determine credibility.
- Identified a set of pages related to threat intelligence and utilized web crawling techniques to gather data for analysis.
- Demonstrated strong understanding of git versioning tools and best practices, as well as proficiency in Python, MongoDB integration, and web crawling and scraping techniques through successful development of prototype.

LEADERSHIP EXPERIENCE

York International Orientation **Toronto, ON**
Mentor and AV/Host/Setup Lead *Aug 2022 - Sept 2022*
- Successfully organized and facilitated a university-wide event with over 1200 participants, spanning 3 days and featuring 10+ events across various locations.
- Utilized my position as Website and Social Media Assistant to effectively market the event, resulting in a significant increase in daily participants from 300 to over 400.

The Ismaili Canada **Toronto, ON**
Camp Counsellor *Feb 2021 - Mar 2021*
- Led coordination efforts with over 100 volunteers to ensure the successful execution of the first-ever Camp Odyssey in Toronto.
- Explored and guided over 400 participants for the new environment on virtual learning integrated into a camp.
- Initiated conversations of personal growth and development for participants by providing them with networking opportunities.

PROJECTS

Secure Help Desk Application
- Successfully designed and developed a secure Help-Desk Web Application using Java, Servlets, AJAX, HTML, SQL, CSS, and JavaScript based on Model-View-Controller framework, providing non-technical users with online support via secure communication over a public network.
- Conducted security assessments and penetration testing, using various tools including THC-Hydra, John the Ripper, Burp Suite, ZAP, OpenVAS, Nessus, WebSploit, and SqlSus, to identify and mitigate potential vulnerabilities such as password cracking, cross-site request forgery, SQL injection attacks, and cross-site scripting attacks.

SKILLS & INTERESTS

Skills: Java | JavaScript | HTML | CSS | C | C++ | Python | Splunk | Cloud Security | SQL | Network Security | Risk Analysis | Vulnerability Research | Cryptography | PKI | Incident Response | Penetration Testing **|** Microsoft Ofiice | Scapy | Flask | Git

Certifications: CompTIA Security+ 601 (2025) | Linux Administration | **tryhackme**: Offensive Pentesting | THM Pentest+ | Pre-Security | Complete Beginner

General: Effective Communication | Creative Problem-Solving | Resourceful | Collaborative | Attention to detail | Quick Learner | Effective Prioritization | Decisive | Investigative Mindset | Result Oriented | Work with Integrity | Leadership | Critical thinking | Highly Motivated | Analytical | Relationship Building