Arsh Imtiaz

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Skills

Programming:	Python, C++, Java, Node.js, x86 Assembly
Web Designing:	HTML, CSS, PHP, Python Flask, JavaScript
Microsoft Office:	Word, Excel, PowerPoint, Outlook
Operating Systems:	Windows, Linux (Arch and Debian), Unix
Languages:	Capable of engaging in proficient business conversations in English

Experience

JULY 2023 – PRESENT
Tata Technologies, Warwick, United Kingdom
Ready Engineer – Cyber Security

Outline:

- Intrusion Detection and Prevention Systems (IDPS)
- Vehicle Security Operational Centre (VSOC)
- Message Layer Security (MLS)
- Payload Scripting + Attacker UX Designing
- Embedded Devices
- Software Defined Vehicles (SDV)
- Electronic Control Unit (ECU) Penetration Testing.
- UNECE R155 & R156 – ISO21434

Key Skills:

- Risk Management
- Network Security
- Attack Path Vectors
- Incident Response
- Security Compliance
- Supplier Relations

Education

SEPT 2021 – MAY 2025 (EXPECTED)
Coventry University, United Kingdom
Course: Bachelor of Science in Ethical Hacking and Cyber Security

Relevant Modules: Practical Pen-Testing (90%), Programming and Algorithms II (79%), Networking (79%), Web Security (86%), Digital Forensics: Fundamentals and Applied, Artificial Intelligence: Creativity & Ethics

APR 2020 – MAR 2021
Indian Community School, Kuwait

A level equivalent
English: 90%
Math: 87%
Physics: 82%

Interests and Achievements

DEC 2022
Coventry University Project Experience – Injection (OWASP Top 10)

Multi-disciplined group considering programming, documentation, research, and implementation.

- **Support**: Devised mechanisms to alleviate falling behind schedule.
- **Coordination**: Meeting with team members to discuss member expertise and distributing topics.
- **Technical**: Building a structure for the presentation, using DVWA to demonstrate vulnerable vectors.
- **Presenting**: 15-minute Presentation on the topic consisting of shared project ideas and reviewed contributions.
- **Results:** 72% grade (First class), received the highest grade in the team.

SEPT 2018 – PRESENT
Placed in the top 1% of users in TryHackMe.

- Achieved the rank of GURU by completing over 120 rooms on TryHackMe, reaching level 12 out of the maximum level of 13.

SEPT 2022
Coventry Galactic Capture the Flag (Galactic CTF).

- Attained the 12th rank out of 34 participants and secured the first rank among individuals of the same academic year.
- Awarded the COIL certificate for successfully participating and submitting 9 flags.

MAY 2020
Completed a high school course in Professional Python Programming.

- Completed all the chapters for the Programming in Python course at school and attained the highest grade.

Activities

During my spare time, I find pleasure in solving challenges on TryHackMe and HackTheBox platforms. I also indulge in reading fictional and non-fictional novels and playing the guitar. Additionally, I enjoy spending time with my loved ones, socializing, and going on trips together.

References

Available upon request.