Hamed Tavakoli Dastjerdi
Cybersecurity Enthusiast, uOttawa CS Student

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SKILLS

Programming Languages	C | C++ | Python | Java | Bash | JavaScript | SQL
Cybersecurity	Network Security | Risk Assessment | Incident Response | Vulnerability Scanning | Security Monitoring | Security Alerts | Cryptography | Threat Modeling | IDS/IPS
Security Tools	Wireshark | tcpdump | Splunk | ELK Stack | SIEM | DDoS Protection
Frameworks	TensorFlow | Node.js | React | Flask | Bootstrap
Cloud & DevOps	AWS | Docker | Kubernetes | Terraform | Jenkins
Languages	English | French | Persian

WORK EXPERIENCE

Site Deployment Intern at Hitachi   **2024-05-01 - Present**
Developed automated scripts to enhance system security and reduce configuration vulnerabilities.
Designed predictive maintenance systems, implementing risk assessments to prevent security incidents.
Authored detailed security documentation and provided staff training to improve awareness and response.

Full Stack Web Developer at RTXComputers Electronics Provider   **2022-05-01 - 2022-08-31**
Developed secure web applications incorporating user authentication and encryption.
Conducted vulnerability scans and implemented secure coding practices, reducing attack vectors.
Collaborated with the marketing team to ensure data privacy compliance during customer interactions.

Game Developer at PanQ Game Studio   **2020-11-01 - 2022-11-30**
Designed game logic emphasizing secure multiplayer protocols and network stability.
Integrated encrypted communications and real-time incident response systems for user safety.

VOLUNTEER

Development Lead at uOttaHack   **2023-07-01 - Present**
Organized workshops on cybersecurity basics and secure software development practices.

Board of Directors Member at Engineering Students' Society, University of Ottawa   **2023-09-01 - 2024-04-30**

CALE 2024 Conference Organizer at Engineering Student Societies' Council of Ontario   **2023-11-01 - 2024-03-31**

EDUCATION

Bachelor of Science Computer Science, Minor in Physics at University of Ottawa   **2022-09-01 - 2026-04-01**
Engaged in research on secure communications and network protocols. Recipient of multiple scholarships over $40,000/annum. Dean's honour list.

AWARDS

5G Connectivity for Cross Border Challenge at Telus   **2023-07-01**
Contributed to a secure 5G system by analyzing network vulnerabilities and designing solutions to enhance data integrity.

Solutions Lab & Idea's Lab Award at University of Ottawa - eHub - MDA   **2023-02-01**

Scholarship for Merit through Innovation in Student Publications at UOSU   **2024-02-01**

CERTIFICATES

Network Security, Python Programming, 5G/3GPP	Huawei Talent
Introduction to Statistics	Stanford University
Java Programming, Problem Solving	HackerRank
Art Directing Games with Vision and Purpose	Iran Computer and Video Games Foundation

PUBLICATIONS

Impact Of Telemedicine Intervention On Patient Satisfaction For Hypertensive Patients   **2023-02-01**