Hamed Tavakoli Dastjerdi

uOttawa CS Student, Hitachi Intern

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SKILLS

Programming	C/C++ | Java | Python | Ruby | Perl | Lua | Bash | Lisp | Haskell | Prolog
Networking and Operating Systems	OSI Model | TCP/IP | Networking Protocols | Operating Systems | Network Traffic Analysis
Security Analysis	Vulnerability Research | Bug Bounty | CTFs | Cryptography | Security Concepts
Tools	Git | Docker | JIRA | CI/CD | Postman
Languages	English | French | Persian

WORK EXPERIENCE

Site Deployment Intern at Hitachi   **2024-05-01 - Present**

Reduced deployment time by 300% through the development of automated configuration scripts. Designed automated predictive maintenance systems, reducing operational downtime by 20%. Created comprehensive documentation and training materials for deployment processes.

Game Developer Intern at Broken Teapot Studios Inc.   **2024-01-01 - 2024-01-31**

Optimized game logic using scripting languages like Lua and Python. Developed dynamic systems for user interaction and security testing. Enhanced debugging tools to improve performance and security.

Full Stack Web Developer at RTXComputers Electronics Provider   **2022-05-01 - 2022-08-31**

Collaborated with teams to optimize backend security for web applications. Designed and implemented secure API integrations. Strengthened knowledge of network protocols and cybersecurity practices.

Game Developer at PanQ Game Studio   **2020-11-01 - 2022-11-30**

Developed and tested secure game mechanics to protect user data. Integrated algorithms to simulate network traffic in online game environments. Enhanced game stability through detailed debugging and vulnerability testing.

VOLUNTEER

Development Lead at uOttaHack   **2023-07-01 - Present**
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 - 2027-04-01**

Engaged in research on operating systems and security protocols. Developed projects emphasizing vulnerability analysis and network security. Maintained a consistent Dean's honour list status.

AWARDS

5G Connectivity for Cross Border Challenge at Telus   **2023-07-01**
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
Java Programming, Problem Solving   HackerRank
Introduction to Statistics   Stanford University

PUBLICATIONS

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