Hamed Tavakoli Dastjerdi

uOttawa CS Student, Hitachi Intern

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SKILLS

Programming	C# | Python | JavaScript | ASP.NET Core | HTML/CSS | SQL
Frameworks	React | Angular | Node.js | Azure OpenAI
Tools	Git | Docker | Microsoft Azure | Postman
Technologies	Full-Stack Development | Service Delivery | Digital Tools | GenAI
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 the deployment process.

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

Implemented dynamic AI routines for NPCs, improving gameplay fluidity and player engagement.
Optimized game shader performance by 115% by refactoring code and streamlining resource management.
Assisted in the design and implementation of a unique puzzle-solving mechanic that increased user retention by 25%.

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

Designed and developed several web applications and tools, including a customer support chatbot and a product recommendation system.
Collaborated with the marketing team to optimize the website's user experience and improve conversion rates.
Gained experience in web development technologies such as React, Node.js, and MongoDB.

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**

EDUCATION

Bachelor of Science Computer Science, Minor in Physics at University of Ottawa   **2022-09-01 - 2026-04-01**

Actively engaged in cutting-edge research across various fields, including physics, engineering, and health sciences.
Multiple competitions and merit scholarships over $40,000/annum. Dean's honour list.

AWARDS

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

CERTIFICATES

Introduction to Statistics   Stanford University
Network Security, Python Programming, 5G/3GPP   Huawei Talent
Java Programming, Problem Solving   HackerRank

PUBLICATIONS

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