Hamed Tavakoli Dastjerdi
Software Engineering Intern, uOttawa CS Student

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SKILLS

Programming Languages	Python	Java	C++	JavaScript	HTML	CSS	Go
Computer Science Fundamentals	Algorithms	Data Structures	Operating Systems
Tools	Git	Open Source Contribution	Debugging
Hackathons	Competitive Problem Solving	Collaboration
Technologies	Web Development	Automation	Big Data

WORK EXPERIENCE

Site Deployment Intern at Hitachi — 2024-05-01 - Present
Reduced deployment time by 300% through the development of automated configuration scripts.
Designed predictive maintenance systems, reducing operational downtime by 20%.
Created documentation and training materials for deployment processes.

Game Developer Intern at Broken Teapot Studios Inc. — 2024-01-01 - 2024-01-31
Implemented dynamic AI routines for NPCs, improving gameplay fluidity and engagement.
Optimized game shader performance by 115% by refactoring code and streamlining resources.
Assisted in designing a puzzle mechanic that increased user retention by 25%.

Full Stack Web Developer at RTXComputers Electronics Provider — 2022-05-01 - 2022-08-31
Designed and developed web applications and tools, including a customer support chatbot and product recommendation system.
Collaborated with marketing teams to optimize UX and improve conversion rates.
Gained hands-on experience with React, Node.js, and MongoDB.

Game Developer at PanQ Game Studio — 2020-11-01 - 2022-11-30
Founded an indie game studio specializing in innovative mobile games.
Designed and developed games, including "Focus!" and "Spycer," which received positive reviews and high user ratings on local app stores.
Generated revenue through in-app advertisements.

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
Actively engaged in cutting-edge research across computer science and physics. Recipient of multiple scholarships totaling 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
Youngest Startup of Iran at Tabnak — 2017-06-01

CERTIFICATES

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