Hamed Tavakoli Dastjerdi
Student Researcher, Google Aspirant

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SKILLS

Programming	Python | Java | C++ | JavaScript | TypeScript | HTML/CSS | SQL
Research & Development	Natural Language Processing | Machine Learning | Deep Learning | Human-Computer Interaction | Computer Vision | AI Systems Design
Frameworks & Libraries	TensorFlow | PyTorch | NumPy | Pandas | OpenCV | Keras
Tools & Platforms	Git | Docker | Google Cloud | Jupyter Notebooks | MATLAB | Postman
Languages	English | French | Persian

WORK EXPERIENCE

Site Deployment Intern at Hitachi — **2024-05-01 - Present**
Developed automated predictive maintenance systems, reducing operational downtime by 20%. Streamlined deployment processes with automated scripts, decreasing deployment time by 300%. Created documentation and training materials to support hands-on deployment.

Game Developer Intern at Broken Teapot Studios Inc. — **2024-01-01 - 2024-01-31**
Designed and implemented AI routines for NPCs, enhancing engagement and player experience. Refactored shaders to improve game performance by 115%. Contributed to a unique game mechanic that increased retention by 25%.

Game Developer at PanQ Game Studio — **2020-11-01 - 2022-11-30**
Founded and managed PanQ Game Studio. Developed and released games like 'Focus!' and 'Spycer', earning positive user ratings and generating revenue through in-app advertisements. Designed algorithms for efficient in-game mechanics and optimization.

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 - 2026-04-01**
Engaged in research across NLP, AI, and physics. Published in peer-reviewed journals. Dean's Honour List, recipient of scholarships over $40,000 annually.

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

PUBLICATIONS

Impact Of Telemedicine Intervention On Patient Satisfaction For Hypertensive Patients — **2023-02-01**
Investigating Human Cognitive Learning Process In An Artistic Context — **2017-05-01**