

Hamed Tavakoli Dastjerdi

uOttawa CS Student, Hitachi Intern

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SKILLS

Telecommunications RF Propagation | Wireless Communication | IP Communication | Network Design | Edge Computing
Programming Python | Java | C/C++ | Swift | SQL
Languages English | French | Persian
Tools and Frameworks Git | Docker | MATLAB | CI/CD
System Design and Training Post-Sale Technical Support | Documentation | Training Materials

WORK EXPERIENCE

Site Deployment Intern at Hitachi

2024-05-01 - Present

Developed automated configuration scripts, reducing deployment time by 300%.
Designed predictive maintenance systems, decreasing downtime by 20%.
Gained experience in network design, RF propagation, and system integration.
Created documentation and training materials to streamline technical deployment processes.

Game Developer Intern at Broken Teapot Studios Inc.

2024-01-01 - 2024-01-31

Optimized systems for dynamic interactions and enhanced performance metrics.
Refactored technical processes, improving resource management efficiency by 115%.
Contributed to team collaboration in feature design and technical documentation.

Full Stack Web Developer at RTXComputers Electronics Provider

2022-05-01 - 2022-08-31

Designed and implemented web-based solutions, including secure communication protocols and networked applications.
Gained practical experience in system and network integration. Collaborated with cross-functional teams to enhance usability and system reliability.

Game Developer at PanQ Game Studio

2020-11-01 - 2022-11-30

Developed networked gaming systems with a focus on smooth communication and scalability.
Enhanced understanding of system architecture and RF components in mobile applications.

VOLUNTEER

Development Lead at uOttHack

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 interdisciplinary research, including wireless communications and system design. Dean's Honour List recipient and awarded multiple merit scholarships exceeding \$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

Art Directing Games with Vision and Purpose

Iran Computer and Video Games Foundation

PUBLICATIONS

Investigating Human Cognitive Learning Process In An Artistic Context

2017-05-01