Hamed Tavakoli Dastjerdi

uOttawa CS Student, Hitachi Intern

36 Robinson Ave., K1N 0G4, Ottawa, Ontario CA

HamedTava@outlook.com   (613) 294-6363   Qerope   /Qerope

SKILLS

Programming	Python	C/C++	Java	MATLAB	Shell Scripting
Testing and Verification	System Testing	Functional Testing	Safety Assurance	Performance Testing	Reliability Engineering
Tools	Git	JIRA	CI/CD	Postman	Docker	MATLAB	Jenkins
Technologies	Aircraft Systems	Edge Computing	Modeling	Automation	Aviation Systems
Soft Skills	Teamwork	Analytical Thinking	Adaptability	Attention to Detail	Continuous Learning
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%.
Ensured system safety and reliability by conducting comprehensive functional tests.

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

Implemented dynamic AI routines for NPCs, improving gameplay fluidity.
Optimized software performance by 115% through code refactoring.
Developed processes for high-reliability testing to ensure performance under stress.

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 research involving system safety, reliability, and testing methodologies. Merit scholarships over $40,000/annum. Dean's honour list.