

Toufic Majdalani

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EDUCATION

Bachelor of Science in Software Engineering | *Washington State University*

Expected Jun. 2025

ACADEMIC EXPERIENCE

Project Manager & Engineer | *Senior Capstone Project*

Aug. 2023 - Present

- Spearheading a team in designing and prototyping a machine learning model on Xilinx Pynq-Z2 hardware, integrating advanced software engineering principles.
- Leveraging Agile & Waterfall methodologies to ensure effective project planning, execution, and iteration in a fast-paced environment.
- Presenting technical progress and deliverables regularly to stakeholders and faculty, ensuring alignment with project goals and timelines.

WORK EXPERIENCE

Open-Source Software Developer | *GitHub*

Jun. 2017 - Present

- Contributed to Linux desktop and server integration, collaborating with over 1000 global developers to enhance the Linux kernel 6.x.
- Led efforts to improve NVIDIA open-source drivers, incorporating support for G-Sync and RayTracing, and enabling advanced gaming features with Steam's Proton framework.
- Demonstrated expertise in system-level programming with C and emerging Rust frameworks for enhanced security and performance in open-source environments.

PC Support Helpdesk Intern | *Expeditors International*

Jun. 2023 - Aug. 2023

- Managed high volumes of technical support tickets, providing efficient IT solutions and support across various departments, reducing downtime.
- Built and imaged 20+ computers for Microsoft contractors, implementing standardized systems and maintaining security protocols.
- Collaborated with the CyberSecurity team to revamp VPN protocols, improving data protection and access control for remote workers.

QA Tester I Intern | *Denali Advanced Integration*

Jul. 2019 - Sept. 2019

- Designed and executed test cases for T-Mobile applications, identifying and documenting critical bugs, ensuring high product reliability.
- Engaged in cross-team communication to escalate and resolve software issues, contributing to the successful delivery of high-quality software.
- Developed foundational expertise in quality assurance processes, enhancing skills in test automation and bug tracking tools.

SKILLS

- Leadership, Teamwork, and Communication, with a strong ability to collaborate in cross-functional environments.
- Technical dexterity in Java, C, C++, C#, Python, and experience with Linux, Git, and SQL for backend and systems-level development.
- Proficiency in Agile development, software version control, and database management.
- Exposure to cloud services and DevOps practices, with a continuous learning mindset in new technologies and frameworks.

AWARDS & CERTIFICATIONS

Microsoft IT Academy | *Microsoft Office Specialist*

Jun. 2019