

# Toufic Majdalani

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## EDUCATION

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

*Expected Jun. 2025*

**Associate of Arts in Computer Science** | *Edmonds College*

*Sept. 2019 - Jun. 2022*

## PROJECTS

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**Project Manager & Engineer** | *WSU GRIMM CyberTown*

*Aug. 2023 - May 2023*

- 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.

**Computer Engineer** | *Computer Fluid Dynamics (CFD)*

*Sept. 2022 - Jun. 2022*

## WORK EXPERIENCE

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**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

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- 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**

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**Microsoft IT Academy** | *Microsoft Office Specialist*

Jun. 2019