

Amir Barzkar

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SUMMARY OF QUALIFICATIONS

- Over 10 years of experience in IT infrastructure, including computer and software troubleshooting, network administration, and data-driven analysis.
- Over 3 years of experience in online selling on the Wayfair platform, with expertise in strategic marketing, pricing, and inventory management to drive sales and enhance customer satisfaction.
- Awarded 1st Place at the Robotic Olympiad in Istanbul, Turkey, demonstrating a high level of technical skill and innovative thinking.
- Certified in Microsoft Solution Expert - Core Infrastructure and Microsoft Solution Associate - Windows Server.

TECHNICAL SKILLS

Python, HTML, C#, Cisco CCNA, Cisco CCNP, Windows Servers, CSS, Ajax, JavaScripts, Unix/
Linux, SQL, Software & Hardware Troubleshooting, Excel, jQuery, E-Commerce

PROFESSIONAL EXPERIENCE

AI and Software Specialist

Home Craft Decor, Toronto, Canada

2021 – Current

- Designed and developed software solutions to optimize operational workflows, leveraging modern programming paradigms and frameworks to enhance efficiency and accuracy.
- Analyzed large datasets to identify trends and generate actionable insights, applying advanced data visualization techniques to support decision-making processes.
- Developed and maintained databases to manage inventory, customer preferences, and sales data, ensuring seamless data integration and accessibility across departments.
- Applied software testing, verification, and evaluation methods to improve the quality and performance of digital tools and systems used in daily operations.
- Optimized website performance and functionality using software engineering methodologies, ensuring a smooth and user-friendly shopping experience for customers.
- Managed projects using project management tools, ensuring timely delivery of software and systems enhancements aligned with business objectives.

Software Development Specialist

Pasargad Bank, Tehran, Iran

2016 – 2020

- Led the design, development, and optimization of scalable software systems, incorporating C++, Python, and SQL for various applications, ensuring efficient operation and robust performance.
- Developed and implemented algorithms for complex computational problems, such as system automation and crowd simulation, achieving a significant improvement in process efficiency.
- Spearheaded real-world data analysis projects, validating software functionalities through testing and debugging based on real-world scenarios to ensure software reliability and customer satisfaction.
- Collaborated with multidisciplinary teams to integrate innovative features, including agent-based behavior modeling and emergent behavior patterns, enhancing system adaptability.
- Maintained and improved database management systems, ensuring the integrity and accuracy of data utilized in system simulations and reporting.

EDUCATION

Advance Diploma

Artificial Intelligence – Software Engineering

Centennial College, Scarborough, Ontario 2024 – Current

College Certificate – English

Seneca Polytechnic, Toronto, Ontario 2023 – 2024

Cisco Certified Network Professional Switching

Cybertech Institute, Tehran 2017 – 2017

Cisco Certified Network Associate Routing and Switching

Cybertech Institute, Tehran 2017 – 2017

CompTIA Security+ Certified

Cybertech Institute, Tehran 2017 – 2017

CompTIA Network+

Cybertech Institute, Tehran 2016 – 2016