

SHARIF AYESH

IT Professional | Software Engineering | Data & Analytics | Quality Assurance

CONTACT

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<https://www.linkedin.com/in/sharif-ayesh/>

PERSONAL INFORMATION

Nationality: American
Languages: English (bilingual), Arabic (bilingual)

ABOUT ME

Versatile IT professional with 18+ years of experience in IT operations and project management, transitioning into computer science to excel in software engineering, data analytics, and quality assurance. Skilled in Python, C++, Java, and SQL, with expertise in designing algorithms, troubleshooting systems, and implementing data-driven solutions. Currently pursuing a Bachelor's in Computer Science, combining a robust IT background with advanced technical skills to deliver innovative and impactful results.

WORK EXPERIENCE

IT Administrator, 901SOUNDS INC

2007 - Present

- Troubleshoot, diagnosed, and resolved hardware and software issues on Windows OS systems, ensuring seamless system performance.
 - Designed, implemented, and maintained secure computer networks to support dynamic business operations.
 - Set up and managed servers, including configuring secure remote access and resource-sharing capabilities for employees.
 - Monitored and enhanced cybersecurity protocols, including firewalls, encryption, and endpoint protection, safeguarding sensitive business data.
 - Performed system backups, restores, upgrades, and preventative maintenance tasks to ensure optimal system functionality.
 - Conducted system audits and vulnerability assessments, applying necessary updates and patches to maintain compliance with security standards.
 - Provided technical support and streamlined workflows, minimizing downtime and improving operational efficiency.
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EXPERTISE

- **Data Analysis and Structures:** Strong analytical capabilities in data modeling, pattern recognition, and applying algorithms to optimize performance.
- **Cybersecurity:** Skilled in enhancing network security through endpoint protection, firewall configurations, and encryption.
- **Systems Maintenance and Troubleshooting:** Diagnosing, resolving hardware/software issues, and ensuring reliable system performance.
- **Application Development:** Designing robust software applications tailored to client requirements.
- **Networking and Infrastructure:** Managing and configuring secure networks to support business objectives.
- **Team Collaboration:** Proven track record of working in cross-functional teams and training junior staff to enhance team performance.

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SKILLS

- **Programming Languages:** Python, Java, C++, JavaScript, SQL.
- **Web Development:** HTML, CSS, JavaScript, front-end development.
- **Database Management:** SQL, database development, and administration.
- **Problem-Solving:** Expertise in designing algorithms and solving complex computer problems.
- **Project Management Tools:** Agile methodologies (Scrum, Kanban), Microsoft Project, Gantt charts.
- **Technical Communication:** Ability to explain technical concepts to non-technical audiences.
- **Software Proficiency:** Microsoft Office Suite, Developer Tools, Google IT Support Specialization.
- **Operating Systems:** Comprehensive understanding of system architecture and interactions between hardware and software.

EDUCATION

Bachelor's Degree in Computer Science Expected Dec 2025
Southern New Hampshire University, USA

- Advancing expertise in programming, algorithms, and computer systems with a focus on data analysis and IT career advancement.
- Relevant coursework includes Software Development, Database Management, Data Analysis, and Artificial Intelligence.

Associate's Degree in Computer Science Jan 2024 – Jan 2025
Southern New Hampshire University, USA

- Built a strong foundation in programming, computer systems, and problem-solving through hands-on projects and coursework.
- Developed practical skills in software development, database management, and project management.

Academic Achievements:

- **President's List (2024):** Recognized for exceptional academic performance and maintaining a perfect GPA of 4.0 throughout the year.
- **Honor Roll (2024):** Demonstrated consistent dedication, strong work ethic, and excellence in all coursework.

TRAINING & CERTIFICATIONS

- **Google IT Support Specialization (2024)**
 - Credential ID: A8YWAI93MWSE
 - Comprehensive training in IT support fundamentals, including troubleshooting, networking, system administration, and cybersecurity.
- **Google UX Design Certificate (2025)**
 - Acquired knowledge in user experience design principles, wireframing, prototyping, and user research methodologies to create intuitive digital interfaces.
- **Professional Scrum Master Certification (PSM) - Scrum.org (2025)**
 - Demonstrated expertise in Agile methodologies, Scrum practices, and project management, enabling efficient team collaboration and project delivery.

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SELECTED PROJECTS

Airgead Banking App

- Developed a console-based application to simulate investment planning with user input functionality for initial investment, monthly deposit, annual interest, and investment duration.
- Designed a clear, formatted user interface to validate inputs and ensure accurate financial calculations.
- Delivered a reliable and user-friendly financial planning tool aligned with functional requirements.

Corner Grocer Item Tracker

- Created a menu-driven console program to track and analyze item purchase frequencies using input files.
- Designed features to display frequency lists and generate text-based histograms for visual representation.
- Ensured seamless user interaction through input validation and clear, dynamic outputs.

Chada Tech Clock Display Program

- Designed and implemented a C++ program to display 12-hour and 24-hour clocks simultaneously, adhering to ISO 8601 standards.
 - Developed secure user input functionality for real-time time updates and synchronization.
 - Delivered a robust solution showcasing advanced C++ skills aligned with professional coding standards.
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