

KATHERINE SUNDAY

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Skills

- Programming Languages: Java, Python, SQL, Unix/Linux
- Collaborative Teamwork
- Effective Problem Resolution
- Autonomous & Self-Managed Work
- Maintains Focus During Challenging Circumstances
- Positive Interpersonal Skills
- Technical Concepts: OOP, SDLC, Quality Assurance, Data Analysis, Troubleshooting
- Client Support & Relations
- Analytical Reasoning
- Effective Multitasking
- Strong Focus on Accuracy

Professional summary

A detail-oriented problem-solver with a unique background in maintaining complex technical systems, transitioning to a software development career. Expertise in analytical reasoning, process improvement, and managing full-cycle technical projects. Proven ability to quickly learn new technologies, resolve critical issues under pressure, and foster strong collaborative relationships. Currently completing a Bachelor's/Master's in Computer Science, seeking to apply a robust technical and analytical skill set to a challenging new role.

Education

Bachelor's / Accelerated Master's Degree: Computer Science

West Chester University of Pennsylvania - West Chester, PA

Expected: BS 2026, MS 2027

Certifications:

- Certificate in Cloud Engineering (expected 2026)
- Certificate in Computer Security (expected 2026)

Computer Science Transfer Program

Delaware County Community College - Media, PA

GPA: 3.41

Work history

Senior Biomedical Engineer

02/2007 - 11/2014

Confidential Company – Tucson, AZ

- Diagnosed and resolved complex system failures integrating electronics, hydraulics, and fluidics for advanced diagnostic equipment, minimizing client downtime.
- Analyzed repair history data to create predictive maintenance reports, improving resource planning and preventing critical failures.
- Developed and implemented standardized quality control procedures, training technicians to significantly enhance efficiency and reduce errors.
- Managed full-cycle service operations autonomously from dispatch to completion, including logistics, parts procurement, and customer communication.

- Led a groundbreaking 29-hour onsite overhaul of a critical system, a feat unprecedented in a live laboratory environment.

Electronics Technician Second Class

01/1998 - 10/2005

United States Navy – Virginia Beach, VA

- Troubleshoot and repaired complex HF/VHF/UHF radio, satellite, and antenna systems autonomously in high-pressure ship and field environments.
- Performed hardware/software maintenance on Unix-based Global Command and Control Systems, ensuring 99.9% operational reliability.
- Installed and maintained a secure LAN for 200+ classified and unclassified computer systems and peripherals.
- Supervised daily workshop operations and trained subordinates in advanced technical procedures and Hazmat protocols.
- Awarded the Navy Achievement Medal for leading the successful ship-wide installation and training for a new 3-M program.