

## Education

- **Tennessee College of Applied Technology**  
*Computer Information Technology | 2024 - 2025*
  - **Arizona State University**  
*Bachelor of Science, Software Engineering | 2014 - 2020*
  - **San Diego City College**  
*Refrigeration and Air Conditioning Systems | 2007*
  - **Winfield City High School**  
*High School Diploma | 2003*
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## Professional Experience

### E-Shop Technician

*FedEx | Memphis, TN | October 2023 - Present*

- Maintain and troubleshoot electrical and instrumentation (E&I) systems, including PLCs, sensors, and control circuits.
- Diagnose, modify, calibrate, and test process instrumentation and automation systems.
- Work with scanning technologies, micro-computers, industrial networks, and HMI systems.
- Interpret electrical schematics, P&IDs, and control logic diagrams for troubleshooting and maintenance.

### Maintenance Manager

*MSS Steel Tubes | Memphis, TN | February 2023 - October 2023*

- Led electrical and instrumentation maintenance operations, ensuring system reliability and safety.
- Developed and executed preventive and predictive maintenance programs for control systems.
- Managed CMMS work orders and documentation to improve tracking of instrumentation assets.
- Trained and mentored technicians on troubleshooting VFDs, PLCs, and industrial automation systems.

### Maintenance Supervisor

*Von Drehle | Memphis, TN | June 2022 - February 2023*

**Eric Sandlin**  
4080 Kayley Lane  
Olive Branch, MS. 38654  
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<http://www.eric sandlin.com>

- Supervised maintenance and repair of electrical and instrumentation systems for industrial machinery.
- Led engineering projects focused on improving process automation and energy efficiency.
- Built and developed a high-performing maintenance team specializing in E&I troubleshooting and repairs.

### **Maintenance Technician**

*Kruger Tissue Group (KTG USA) | Memphis, TN | September 2012 - February 2022*

- Maintained, calibrated, and repaired process control instrumentation, including pressure, flow, and temperature sensors.
- Diagnosed and resolved electrical and mechanical faults in automated manufacturing systems.
- Worked extensively with packaging equipment, including TMC bundlers, Edson case packers, and Fanuc robotic systems.

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### **Military Experience**

**United States Navy | Machinist's Mate | E-5 | 9 Years 2 Months Active Service**

#### **Engineering Lab Instructor**

*U.S. Naval Academy | Annapolis, MD | January 2010 - September 2012*

- Trained junior sailors in electrical power generation, motor controls, and industrial automation.
- Delivered instruction on valve maintenance, pump operations, and thermodynamics applications.
- Developed engaging, interactive lessons for over 250 students on electrical and mechanical systems.

#### **USS Kitty Hawk & USS George Washington**

*Yokosuka, Japan | July 2003 - February 2010*

- Operated and maintained shipboard electrical and mechanical systems, including generators and distribution panels.
- Led repair and maintenance efforts for critical shipboard control systems.
- Provided training and mentorship to junior sailors in electrical troubleshooting and automation principles.

## **Certifications**

- **CompTIA Security+ (SY0-601)**
- **CompTIA Network+ (N10-009)**
- **CompTIA A+ (Core 1 & Core 2)**
- **Department of Labor Apprenticeship Certification** – Refrigeration Mechanic (Any Industry), 2012
- **Universal EPA CFC/HCFC Refrigerant Processing Certificate**, 2007
- **Mobile Air Conditioning Society Worldwide** – CFC-12 Refrigerant Recycling & Service Procedures, 2007
- **OSHA 30-Hour General Industry Certification**