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Top-performing, military-trained professional with 7+ years of experience in maintaining, operating, and training on multiple types of nuclear reactor plants as a member of the Navy Nuclear Program. Upon transitioning into the civilian workforce, utilized a proven ability to learn theory and operational based engineering concepts quickly, working as a field service engineer. Detail oriented technical expert skilled in all aspects of data collection and analysis. Ambitious and accountable leader with proven success, excelling in dynamic and intense-pressure environments to exacting standards with a zero-defect mentality. Focused on utilizing a strong set of talents and skills to pursue an education and career in computer science and machine learning.

<ul style="list-style-type: none"> • Java, C++, Python • Field Service Customer Support • Engineering Operations • Computer Operations/Microsoft Office Suite/Mac OS / Networking • Microsoft SQL Server Management • Quality Assurance/Control • Advanced Electrical/Mechanical Troubleshooting and Repairs • Digital Circuitry/Logic • Motor Controllers and PLCs 	<ul style="list-style-type: none"> • GMP Lab Procedures • Procedural Compliance • Laser Operations • Schematic Analysis • Electrical Buses/Transformers /Circuit Breakers • Pneumatic pressure regulation • Electrical Safety and Lockout/Tagout • Meticulous Attention to Detail • Automatic/Manual Bus Transfer Devices 	<ul style="list-style-type: none"> • Maintenance Team Management/Supervision • Scheduling and Planning • Problem Solving • Mathematics/ Analytical Thinking • Safety Procedures • Cost Reduction • Training • Strategic Leadership • Multimeters and Test Equipment
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- Was responsible for all administrative aspects of service such as managing and reporting expenses monthly, submitting and approving weekly timecards, managing on-hand inventory ensuring total cost of parts on hand is as low as possible, and documenting all work performed at time of completion to ensure timely customer invoices and accurate data reporting.
- Provided technical expertise by exercising judgement within defined procedures and practices to determine appropriate actions, including recommending changes to policies as necessary.
- Developed, managed and ensured proper completion of field service projects including instrument installation and operation qualifications in GMP lab settings, ensuring compliance with ISO standards.

- Gathered and input data from various pieces of HVAC equipment in buildings such as high-rise buildings, hospitals, and large-campus tech companies to generate a report for the customer for system analysis, maintenance recommendations, and energy conservation.
- Performed system backups, and data archiving from customer sites to a storage device for emergency restoration purposes. Establish/transfer data archiving databases using SQL Server Management Studios, focusing on ensuring no data is lost for critical facility customers.
- Provide live technical support and training to customers on their devices using remote access capabilities.

Nuclear Operations Instructor**Nuclear Power Training Unit - Charleston, SC****March 2017-May 2018**

Hand selected by superiors for instructor duty, assisting in the training of over 200 officer and enlisted students. Dedicated many off-shift hours to remedial instruction to enhance student level of knowledge. Provided training on all aspects of safe plant operation to include acting as supervisory watch stander during student watch standing.

- Demonstrated and taught quick thinking during fast paced casualty situations leading to the quick return to service of the reactor and electrical plant.
- Provided individual training to students through hands on guidance and immediate feedback in operating and maintaining a pressurized light-water nuclear reactor plant using both simulators and a submarine modified for specialized training.
- Using performance evaluations, examinations and technical oral boards, acted as final certification authority of students for operating military nuclear reactors.

Reactor Training Leader/Work Center Supervisor USS Carl Vinson - San Diego, CA**Jan 2013-Jan 2017**

Performed and supervised maintenance, repair and alterations to shipboard electrical power circuits (4160V, 450V, 120V), electrical fixtures, motors, various generator types, controllers, switchboards, and voltage and frequency regulators. Accurately collected and reported precise hourly log readings on power plant equipment for up to 8 hours of a time, allowing for the data to be organized into spreadsheets and reports for trend analysis and casualty diagnosis. Chosen among peers to be the only electrical representative in a team of 7 people, responsible for all areas of training for 400+ personnel in the department. Directly supervised over 100 newly reported nuclear trained personnel and guided them through initial qualifications and adjusting to life aboard a navy ship, while responsible for generating and maintaining their administrative records.

- As the Reactor Electrical Drill Team Lead, led 7 sailors in the execution of 300 complex casualty scenario drills on 192 personnel, developing proficiency and increasing level of knowledge of 4 watch teams as required to send the ship to sea.
- Proved exceptional diligence and attention to detail in the complex administrative process of returning the ship to readiness by managing maintenance schedules following an arduous 8-month shipyard period playing an integral role in the successful ship's examination.
- Independently prepared, administered, graded and reviewed all electrical watch station examinations on the ship, ensuring safe, and well-trained operators.
- Quickly qualified a senior position supervising, directing, and maintaining the entire electrical distribution system of the ship. Exceptional performance led to being selected as 1 of 4 load dispatchers to be evaluated by mobile training teams and the ship's examination team.

EDUCATION:

- City College San Francisco (August 2020 – Present) Pursuing BS in Computer Science. GPA: 3.81
- NPTU Charleston (April 2012-Dec 2012) - Nuclear Trained Operator specializing In Electrical Equipment. Graduated 2 of 26. GPA: 3.07
- Nuclear Power School (August 2011-Feb 2012) - Mathematics, Nuclear physics, Electrical Power Theory/Generation, Nuclear Reactor Technology, Thermodynamics, Chemistry, Materials Science and Metallurgy, Health physics, Reactor Principles, Mechanical Systems. Graduated 21 of 90. GPA: 3.46
- Nuclear Field 'A' School (Jan 2011-Jul 2011) - Mathematics, Electricity, Electronic Fundamentals, Digital Circuits, Electrical Equipment Graduated 4 of 30. GPA: 3.42
- Joliet Junior College (2009-2010) General Studies
- Northern Illinois University (2008-2009) General Studies
- Oswego East High School (Graduated 2008)

RECOGNITION/AWARDS:

2016: Navy and Marine Corps Achievement Medal
2015: USN Quality Assurance Inspector
2015: USN 3M Work Center Supervisor
2012: Graduation certificate and NEC for Naval Nuclear Electrical Operator
2011: Graduation certificate from Naval Nuclear Power School

CLEARANCES/CERTIFICATIONS:

DoD Secret Clearance
Qualified Naval Nuclear Shutdown Reactor Operator
Qualified Naval Nuclear Load Dispatcher
Qualified Naval Nuclear Electrical Operator
Qualified Naval Nuclear Instructor