

# Jacob Douglas Richard

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## **PROFFESIONAL PROFILE**

Passionate and disciplined military based professional, with over 9 years of hands-on experience in training, operations, maintenance in Naval service. I have been stationed in Bangor, Washington and Goose creek, South Carolina while actively serving for the US Navy. Able to apply a very strong work ethic while learning team management abilities and acquiring a high level of knowledge that has prepared me for a career in the civilian sector. Areas of expertise include training, teaching, and performing nuclear electrical work. Active Security Clearance. Willing to continue education.

## **Education**

Computer Science (BS) (2025)

Chemistry (BS) with an emphasis in Biochemistry (2025)

Bioinformatics Certification (2024)

Master Training Specialist (2022)

Nuclear Prototype Training Unit (2015)

Nuclear Power School (2014)

Nuclear Electrical Field School (2013)

Southern Illinois University Edwardsville (2010)

## **Experience**

Curriculum Developer

Directed and developed writing a curriculum utilizing “Active Teaching” methods. This curriculum went under strenuous review by Naval Nuclear Laboratory and Submarine Learning Center to further refine the finished product.

Electrical Equipment Instructor

Training Instructor role specializing in Electrical Theory, teaching a 180-hour course lasting 2 months in length. Topics include but not limited to electrical safety, electrical laws, AC electrical theory involving phasors and calculations, transformers, circuit behavior and troubleshooting.

Work Center Supervisor

Growing and responsible for over thousands of Nuclear preventative maintenance items. Flawlessly executed in which provided reliability with no deficiencies contributed by maintenance. This led to reducing downtime through major repairs of reverse osmosis units, oxygen generators, and many other vital critical systems for the submarine.

#### Nuclear Electrician

Entering USS Alabama, I was quickly and highly motivated to support day to day preventative and corrective maintenance to learn and qualify as quickly and efficiently as possible. Learning on ship service turbine generators, reverse osmosis units, and emergency diesel generators. Qualifying Shutdown Reactor Operator and Electrical Operator ahead of schedule. This on top of receiving many other certifications from additional schooling pertaining to reactor plant maintenance and servicing ship service motor generators. These all building many foundations supervising and managing a Nuclear Power Plant.

## **Work History**

### **United States Navy:**

Nuclear Electrical Equipment Instructor – Naval Nuclear Power Training Command, Goose creek, SC

April 2019 to August 2022

Nuclear Reactor Technician – USS Alabama, Bangor, Washington

February 2019 to March 2019

Nuclear Electrical Work Center Supervisor – USS Alabama

April 2018 to January 2019

Nuclear Electrical Operator – USS Alabama

April 2016 to March 2018

Nuclear Electrician Technician – USS Alabama

April 2015 to March 2016

Nuclear Power Plant Student – Joint Base Charleston, Goose creek, SC

April 2013 to March 2015

## **Awards**

Navy Achievement Medal three times:

- 99.9 % success rate of training future Nuclear Electricians
- Repairing Motor Generators minimizing any downtime in the Electrical Distribution Systems
- Repairing the Reverse Osmosis Units, Oxygen Generators, and Ventilation Systems