William Spaulding
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Education

DeVry University at Tinley Park, Illinois — Graduation Date: May 2018
Computer Information Systems - 4.0 GPA

University of Illinois at Champaign/Urbana, Illinois — September 2013 - January 2015
Electrical Engineering

Nuclear Field Prototype — October 2011 - April 2012
Second to qualify in class

Nuclear Field Power School — April 2011 - October 2011
3.4/4.0 GPA

Nuclear Field A School — August 2010 - January 2011
3.4/4.0 GPA

Employment

Spaulding Electric

September 2012 - August 2014
January 2015 - Present

Electrical Apprentice

- Understands basic electrical theory, electrical code, and application.
- Demonstrates proper team building and exercising.
- Demonstrates proper leadership building and exercising.
- Installs outlets, switches, TV and telephone lines, fixtures, fans, circuit breakers, stoves, dishwashers, and air conditioning units.
- Demonstrates proper pipe bending skills and installation.
- Reads and interprets schematic diagrams and electrical blueprints, as well as troubleshoots and repairs electrical problems such as shorts, open circuits, and faulty equipment.

University of Illinois

August 2014 - December 2014

Lab Assistant (ECE 110)

- Comprehensive understanding of lab equipment, including use and maintenance of oscillators, multi-meters, Arduino boards, and power supplies.
- Able to describe and teach fundamentals of basic circuitry, electrical theory based calculations, C++ based programming, and proper use for lab equipment to students during assigned lab sessions.
- Capable of identifying, troubleshooting, and correcting problems in electrical circuitry and C++ based programming.

Teacher Assistant (ECE 110)

- Comprehensive understanding in basic electrical theory operations, including conceptual understanding of circuit diagrams, and circuit calculations.
- Able to describe and teach basic electrical theory operations to students during assigned study hours.
- Capable of identifying, and correcting problems in basic electrical theory operations.

US Navy

June 2010 - September 2012

Nuclear Electricians Mate

- Comprehensive understanding of a pressurized-water nuclear power plant, including reactor core nuclear principles, heat transfer and fluid systems, plant chemistry and materials, mechanical and electrical systems, and radiological control.
- Operated a nuclear power plant as well as successfully restored plant operations through casualty training.

- Able to describe the fundamentals of nuclear propulsion power and the interrelationship of its mechanical, electrical and reactor subsystems.
- Understanding of the physical nature of nuclear radiation particles, their detection, interaction with matter, and human health consequences.
- Knowledge of the safe operation of a complex nuclear power plant and its sophisticated subsystems with an emphasis on basic industrial safety principles.
- Capable of identifying, troubleshooting, and correcting problems in nuclear mechanical, electrical, or reactor control systems at the component level with an emphasis on electrical systems.

Electricians Mate

- Operates and maintains power and lighting circuits, electrical fixtures, film projectors, motors, generators, controllers, switchboards, voltage and frequency regulators, and other test equipment.
- Tests for short circuits and rebuilds electrical equipment.
- Operates standard test and metering equipment, including multi-meter, voltmeter, ammeter, ohmmeter, oscilloscope, stroboscope, voltage tester, and wattmeter.
- Makes standard wire splices, detects and locates grounds, open circuits, and short circuits in lighting and power circuits.
- Solders electrical connections and examines motors and generators for conditions and needed maintenance.
- Operates AC and DC generators, replaces bearings in generators and motors, repairs portable electrical tools; prepares, activates, and services storage batteries.
- Troubleshoots and repairs small boat electrical systems; tests and maintains signal lights, search lights, and beacons; computes resistance, current, voltage, phase angle, and impedance; prepares diesel generators for operation; reads and interprets schematic diagrams and electrical blueprints.

Fireman

- Participates in general drills and functions as a member of a fire fighting team.
- Operates firefighting equipment including heat sensing devices and breathing apparatuses.

Recruit

- Demonstrates proper team building and exercising.
- Demonstrates proper leadership building and exercising.
- Maintaining a clean and efficient work environment
- Promoting and demonstrating a healthy lifestyle and work environment.

Certifications and Awards

Certification of Completion at Nuclear Field Prototype	April 2012
Certification of Completion at Nuclear Field Power School	October 2011
Certification of Completion at Nuclear Field A School	January 2011

School Involvement

University of Illinois at Urbana/Champaign 2013-2014

Body Image Club

- Promotes a positive outlook for how people should view themselves and be more confident in their own bodies, as well as functions as a support group for those same people.

The Talk

- Promotes and spreads awareness of safe sex education.

LGBT Club

- Promotes acceptance of people with any sexual orientation or gender association, as well as spreads awareness for a better understanding of the same topic.

Thornton Fractional South High School 2006-2008

Drama

- Involvement in Spring and Fall Musical plays, as well as a part of Contest and Group Interpretation plays.

- Held lead roles in Fall Musical and Group Interpretation plays.
- Constructed and performed maintenance on play sets.