William Spaulding
Location: Lansing, IL
Cell: (708) 704 – 9375

Email: spauldingwm@gmail.com
Website: https://wmspaulding.github.io/WMSBio/index.html

Software Engineer

Summary of Qualifications

- Over two years of military experience, more than four years in personal project creation, and one semester in teaching C++ based programming.
- **Job Specific Skills:** Comprehensive understanding in programming based languages such as: SQL, MySQL, SQLite, C, C++, C#, Java, Visual Basic, Python, HTML, CSS, Javascript, and php.
- **Transferrable Skills:** Demonstrates proper team building and leadership, with an outstanding work ethic, as instilled from military based training.
- Attained a Bachelor of Science degree in Computer Information Systems with a specialization in Web Game Design, as well as graduated with a 4.0 GPA. Attained certifications of completion in Nuclear Engineering with a specialization in Electrical Engineering, as well as was the second to qualify as a Nuclear Electrician's Mate from the class. Willingness to travel or relocate.

Core Competencies

- SQL / MySQL / SQLite
- C / C++ / C#
- Python
- Visual Studio
- Java
- ASP.NET
- HTML
- Visual Basic
- Javascript
- CSS
- php
- Adobe Animate

Education

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

Nuclear Field Prototype — April, 2012
Second to qualify in class

Nuclear Field Power School — October, 2011
3.4/4.0 GPA

Nuclear Field A School — January, 2011
3.4/4.0 GPA

Employment

Spaulding Electric

January 2015 – June 2017
September 2012 - August 2014

Electrician

- Understands basic electrical theory, electrical code, and application.
- Demonstrates proper team and leadership building.
- Demonstrates proper installation of both residential and commercial based electrical systems.
- Demonstrates proper pipe bending skills and installation.
- Ability to program smart based devices and programmable logic circuits.
- 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 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.
- Demonstrates proper leadership building.
- 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