ZACHARY R MCBRIDE

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Recently transitioned US Navy Nuclear Trained Machinist Mate certified to run shipboard computer networks, endeavoring to find entry level employment in technical fields.

EXPERIENCE

FEBUARY 2010 – APRIL 2018

UNITED STATES NAVY, REACTOR DEPARTMENT

Operate, maintain, and repair (organizational and intermediate level) ship propulsion machinery, auxiliary equipment. Operate and maintain (organizational and intermediate level) pumps, and heat exchangers; perform tests, transfers, and inventory of lubricating oils, fuels, and water. Maintain records and reports, and may perform duties in the generation and stowage of industrial gases. During this period I deployed four times.

OCTOBER 2016 – APRIL 2018

PROPULSION PLANT LOCAL AREA NETWORK MANAGER, UNITED STATES NAVY

Manages shipboard nuclear reactor plant network operating systems (e.g., Windows Server and clients) and infrastructure (i.e., cabling, throughput, connectivity, I/O devices, and topologies). Possesses thorough knowledge of current technology and trends. Implements a variety of protocols, services, and standards such as TCP/IP and Internet (http, ftp, telnet, smtp, snmp). Manages networks, taking into account hardware and software compatibility, environmental constraints, growth potential, lifecycle management, cost/performance analysis, and user feedback. Performs hardware and software installation. Performs management and maintenance functions including inventory control of computer assets, software configuration and management, user training, and help desk management. Provides oversight and direction to PPLAN Administrators.

JANUARY 2016 – OCTOBER 2017

PROPULSION PLANT DRILL TEAM, UNITED STATES NAVY

Hand selected from experienced propulsion plant operators to train both new and experienced operators to provide greater understanding of propulsion plant operation. Formulation of drill scenarios, coordinating with other departments to ensure safety of drill scenarios, initiation of drill scenarios, control of drill scenarios in progress to prevent negative impact to reactor plant safety, and training skills to operators who show deficiencies.

MARCH 2014 – JULY 2015

CHIEF REACTOR SUPERVISOR, UNITED STATES NAVY

Hand selected from certified watch standers to supervise five operators to ensure safe, reliable, and continuous operation of half of a nuclear propulsion and power plant. During this time the USS Carl Vinson completed a ten-month long deployment, requiring hundreds of hours of supervision and operation.

EDUCATION

JULY 2010 – JANUARY 2012

NUCLEAR OPERATOR, NAVAL NUCLEAR POWER TRAINING COMMAND

Upon completion of the course, the student will have a 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.

JUNE 2018 – DECEMBER 2019

ASSOCIATES OF TRANSFER- COMPUTER SCIENCE, CHEMEKETA COMMUNITY COLLEGE

Training in programming up through data structures has been completed, covering techniques such as dynamic memory allocation, nodal tree structures, binary search algorithms, merge/selection/quick sorting algorithms, single/doubly linked lists, file input and output, indexing by way of hashing. Mathematics requirements for this transfer degree cover up to integral calculus, additional elective training in vector calculus has also been completed.