

Jacob B. Wheeler

15150 Goldfinch Circle, Westlake F.L., 33470 – jbwheeler89@gmail.com - (386) 795-3314

Education

Florida Atlantic University

B.G.S. Degree with concentration in Business and Project Management.

Relevant Coursework: Project Management and Leadership

Florida Atlantic University

M.B.A Degree with concentration in International Business and Operations.

Relevant Coursework: Operations Management and Advanced Financial Management

Military Experience

United States Navy Reserve

Machinery Repairman (MR1) E-6

Miami Lakes, FL

Sept. 2018 - Present

Assigned to Surge Main Miami, FL as a journeyman level machinist to augment naval shipyard personnel throughout the United States to conduct depot-level maintenance on aircraft carriers, surface ships, and submarines. Lead Petty officer of the unit I am responsible for overseeing 30+ Navy Reserve engineers and acting as a direct representative of the units' command to ensure the successful completion and implementation of naval directives.

United States Coast Guard

Machinery Technician (MK2) E-5 (Active Duty)

U.S.A

Nov. 2007 - Dec. 2017

Prior to an honorable discharge, I was the Engineering Petty officer of a U.S. Coast guard station Sackets Harbor, NY. Responsible for the successful scheduling and execution of U.S.C.G. surface assets and facilities while acting as the unit's lead boarding officer where I was responsible for inspecting U.S. recreational and commercial vessels for compliance with USCG standards. From 2009-2013 assigned to U.S.C.G. Station Ft. Lauderdale I the engineering department section leader where I was responsible for managing, organizing, and executing unit and depot level maintenance for a unit of 8 surface assets and the engineering department of 20 personnel. During such time I was the lead Boarding officer where I was responsible for performing inspections on U.S. and international commercial vessels under the jurisdiction of the United States where I was responsible for ensuring the proper operation and compliance with U.S.C.G. regulations and applicable CFR's. 2007-2009 assigned to Coast Guard Cutter Bear WMEC-901 a 270-foot medium endurance cutter, as a member of the auxiliary engineering department I was responsible for the maintenance and repair of the vessel's facility and power generation equipment.

Experience

W&O Supply

Technical Project Engineer

Remote, FL

Apr. 2019 – Present

Performs engineering surveys on various vessel systems onboard cruise ships, commercial cargo vessels, commercial tankers, barges, and tugboats to analyze and provide the vessels owners and/or port engineers and management staff with detailed reports for the successful completion of dockside or drydock project ranging in value from \$1,000,000 - \$200,000,000 in value. This will ensure the vessel and owners maintain required deadlines and remain in compliance with Coast Guard and ABS compliance. Provide vessel engineers and management staff with recommendations and insight on Class society requirements while also working with Class society personnel to ensure project specifications meet designated ABS or other Class requirements. Standardized the platform in which W&O engineers perform surveys to ensure that every marine platform regardless of use is being properly surveyed, this expedited the survey program saving company time and money while providing the end-user with a higher level of assurance that all material will be delivered and meet compliance regulations required by government and class society regulations. Meet and perform material testing alongside U.S.C.G. and ABS inspectors to ensure that all approvals meet U.S.C.G and ABS standards. Communicate with Vessel management and contractor teams to ensure that material is being delivered and installed to manufacture and class society standards.

Tropical Shipping

Field Service Engineer

Riviera Beach, FL

Apr. 2018 – Apr. 2019

As a field service engineer responsible for the scheduling and timely execution of vessel maintenance and repair of commercial container vessels ranging in size from 300 TEU' to 1100 TEU's. performs regular maintenance on vessel

auxiliary, primary powerplant, and propulsion equipment to include rebuilding primary engines, generator, HVAC systems, and Ballast control and filtration systems. Responsible for attending drydock with vessels to manage contractor work and contract while overseeing class inspectors to ensure vessel compliance prior to refloating.

Turnkey Controls Solutions Inc. (TCSI)
Automation & Controls Engineer

Endicott, NY
Jun. 2016 – Apr. 2018

Performed maintenance and repair on facility emergency power generation and building management systems. Responded to scheduled and emergency situations where onsite live decision-making was required to ensure the proper operation of facility automation services. Built and tested Programmable Logic computer panels. Upon successful testing, I was responsible for the installation and commissioning of PLC and automation equipment for natural gas pumping stations and municipal water treatment facilities.