Brian Doherty

Email: brian.oherty@nema.org

Education:

Drexel University Philadelphia, PA United States

Master's degree 6 /2017

GPA: 3.3 of a maximum 4

Major: Mechanical Engineering

Drexel University Philadelphia, PA United States

Bachelor's degree 6 /2017

GPA: 3.3 of a maximum 4

Major: Mechanical Engineering

Work Experience:

National Electrical Manufacturers Association

1300 N 17th Street

Arlington, VA 22209 United States

Program Manager, Mobility Sector

* Serves as subject matter expert on transportation systems expanding NEMA's technical capabilities and services in the mobility sector.
* Develops technical strategies and project plans, identifying new opportunities to write new standards, technical reports, articles, etc.
* Develops multi-year work plans and budgets that align with NEMA's strategic plan, tracking progress and expenses to ensure technical work is delivered on-schedule and on-budget
* Fosters and develops relationships with NEMA members, technical organizations, standards developing organizations, and government organizations
* Collaborates on standards with other technical experts both domestically and globally

Serco

1100 New Jersey Avenue

Washington DC, DC 20003 United States

05/2020 – 02/2022

System Engineer

* Task 3 Lead for the primary support contractor, Serco, responsible for Systems Integration, Government Furnished Equipment (GFE) Management, and Test and Evaluation personnel
* Manages aviation financial portfolio
* Collaborates with Participating Acquisition Managers (PARMs) to align GFE systems to meet schedule demands, while identifying risks, issues, and opportunities for the Guided Missile Frigate (FFG) program
* Develops briefs to inform and guide leadership on FFG 62 aviation portfolio, while taking actions to resolve any outstanding questions
* Leads internal government meeting to track action items, support integration efforts, identify areas of concern and topics that need to be addressed with the shipbuilder or leadership
* Leads working group helping the shipbuilder better design FFG 62 to meet the requirements
* Participates in various meetings to shape system design while providing aviation knowledge to meeting members
* Subject Matter Expert (SME) for FFG 62 Class Aviation Portfolio

Lockheed Martin

199 Borton Landing Road

Moorestown, NJ 08057 United States

01/2019 - 05/2020

Mechanical Engineer

* Develop hardware as key member of the multi-disciplined Integrated Product Teams (IPTs)
* Design mechanical equipment to meet government shock and vibration standards using ANSYS
* Model equipment in CREO to analyze air and liquid cooling systems for electronics
* Provide program status and generate design review material for management and customers
* Collaborate with production to integrate updates to drawings and parts lists

Lockheed Martin

199 Borton Landing Road

Moorestown, NJ 08057 United States

02/2018 - 01/2019

Deputy Logistics Program Manager

* Led Agile scrum meetings, while also performing metric and data analysis to provide process improvement.
* Control Account Manager for various programs, managing cost and schedule variances.
* Collected Earned Value Management (EVM) data to detail program performance for management.
* Technical writer and data consolidation for government documentation
* Collaborated with multiple departments to design for sustainment and provide more value to customers.
* Wrote and reviewed maintenance work packages for fault detection of on ship naval equipment.
* Supported and met with Missile Defense Agency (MDA), Air Force, A Technical Representative’s (AEGIS TECHREP), Program Executive Office Integrated Warfare Systems (PEO IWS), Port Hueneme Division (PHD), and Navy customers

MaGrann Associates

701 East Gate Drive

Mount Laurel, NJ 08054 United States

03/2016 - 09/2016

Mechanical Engineer

* Created models of buildings based on American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) guidelines used to generate Home Energry Rating System (HERS) ratings
* Performed on-site verification in accordance with applicable program guidelines (e.g. Energy Star Cert.)
* Calculated energy costs for new and existing buildings

Concord Engineering

520 South Burnt Mill Road

Voorhees, NJ 08043 United States

03/2015 - 09/2015

Mechanical Engineer

* Surveyed and tested existing mechanical and electrical equipment for energy auditing
* Drafted and modified layouts of mechanical equipment rooms to correspond with customer’s needs
* Calculated heating and cooling loads, as well as equipment performance and energy analysis

Siemens Demag Delaval

840 Nottingham Way

Hamilton, NJ 08638 United States

09/2013 - 03/2014

Assistant Project Manager

* Supervised over $8M Demag Delaval and Westinghouse Turbine projects
* Presented project’s financial and schedule progress to management
* Communicated and met with customers to update project development and track sales orders