

EDUCATION

- California State University Northridge • Northridge, CA
M.S. Electrical Engineering
HKN-IEEE Honor Society
- California Maritime Academy • Vallejo, CA
B.S. Marine Engineering & Technology
Minor: Business Administration
- General Electric Houston Learning Center • Houston, TX
- Calhoon MEBA Engineering School • Easton, MD

WORK EXPERIENCE

- **September 2018 – Present • NOAA (National Oceanic and Atmospheric Administration)**
Unlimited 3rd Assistant Engineer
 - Elected Engineers' Representative Marine Operations Advisory Council
 - Hands on experience with Diesel Electric Engines
 - Responsible for engine room watch and safety of the ship
 - Utilized SAMMs maintenance program to perform ship maintenance
- **June 2017 – September 2018 • Fieldcore a GE Company**
Steam Turbine Field Engineer
 - Oversaw maintenance and repairs of Large Steam Turbines (fossil fuel and natural gas)
 - Refined skills in centerline, generator, and valve work
 - Managed superintendents and millwrights
- **June 2016 – August 2016 • CSU Maritime Academy • Training Ship Golden Bear**
Senior Engine Cadet
 - Oversaw watch standing duties
 - Created in-depth system drawings and reports on all essential and nonessential pieces of equipment
 - Assisted with multi-departmental emergency response training, and drills
 - Responsible for the safety and training of the engineering cadets on watch
 - Briefed cadet engineers on PPE, safe working practices and on job safety analysis as required by the ship
- **June 2016 • City Of South Gate Public Works • South Gate, CA**
Civil Engineers Assistant
 - First point of contact for customers, gathered information and distributed accordingly
 - Assisted in the update of official public technical documents
- **July 2014 – August 2014 • Southern California Public Power Authority (SCPPA) • Glendora, CA**
Intern
 - Assessed privatized power companies for quality output and financial stability
 - Led onsite meetings with potential partners' sites to ensure legitimacy
- **May 2014 – July 2014 • Military Sealift Command (MSC)**
Engine Cadet
 - Oversaw loading and unloading of bunkers (fuel, lube oil and water)
 - Performed light off procedures, corrective maintenance, shutdown procedures, and monitored operation of several on board engineering systems including: Distillers, Generators, Medium Speed Diesel Plant, Power Plant Operations (Paralleling Generators), Purifiers, Refrigeration and Sanitation

CERTIFICATIONS AND SKILLS

- Advanced Fire Fighting
- Government Courses – Environment Officer, CBRD, Damage Control, Small Arms
- Maersk and Horizon Lines Requirements for Third Assistant Engineer
 - Applied Diesels, Container Refrigeration, Electrical Troubleshooting, Electricity, Hazmat Technician, Machine Shop, Refrigeration and Welding
- MEBA- Programmable Logic Controllers & Instrumentation
- USCG- Approved Crowd Management & Vessel Security Officer
- USCG- Third Assistant Engineer, Steam, Motor & Gas Turbine Propelled Vessels. Any Rating
- Universal Refrigeration Technician License