

CHUNG-YI LIAO

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Career Objective

To attain the position of a **Nacelle Maintenance Engineering** and collaborate with cross-functional teams to deliver product installation, maintenance, and repair.

Bachelor's degree studied in applied science and graduated with the first-place honor from the R.O.C. Naval Academy in 2013. Entered R.O.C. Navy immediately after graduation, all positions are related to engineering.

Had participated in the Foreign Military Transfer program under the position of the auxiliary officer which enforces a warship start-up in a variety of equipment. The main object was to conduct the task punctually with limitations of time and manpower, as well as negotiated and motivated the cross-functional teams to tackle problems.

For improving my English communication and professional engineering abilities, went to UK to acquire a master's degree in the engineering. Came back to Taiwan with an unfinished degree due to the COVID-19. After that, I eager to participate into sustainable energy to help the earth in the way my capability fit.

Directed engineering department in a warship overhaul with proven troubleshooting capability and experience. I seek a high requirement of marine background jobs and to be a solution advocate.

Skills

- 5+ years of engineering officer in R.O.C. Navy
- 1 year of project manager of a sustainable energy company
- Programming languages: Python, MySQL, VBA
- CAD software: AutoCad 2D, SketchUP, Revit, Photoshop
- Experience in project management, mechanical and electrical system troubleshooting, as well as scheduled maintenance performing.

Others

- Birth: 11th November 1990
- Expected salary: NTD 70K~100K annual.
- Available date: 7 days after confirmed.

PROFESSIONAL EXPERIENCE

Project Manager

TGRT SERVICE (DEC 2019—FEB 2021)

- Budge, plant layout and model composing and confirmation
 - Confirm equipment model requirement and arrange factory layout.
 - Compose project report, balance sheet, income statement and cash flow.
 - Refurbish and improve experimental demonstration plant.
 - Negotiate with public agencies to obtain consent of production.

Engineering Officer

R.O.C NAVY (JUL 2013—AUG 2018)

- Engineering administration and logistics service
Main experience (Role: Main propulsion assistant and Damage control assistant)
 - Training crew to be a qualified damage (fire and flooding) agent
 - Executed engineering casualty control.
- Pinpoint and execute equipment repairment
Main experience (Role: Auxiliary officer)
 - Diagnosed fin stabilizer shut-down issue when actuated with large angle. Examined whole electrical system and found a pressure switch work inappropriate.
 - Training crews to improve the efficiency of replacement of magnetic coupling on fire pump.
 - Executed inspection and reported a high lube oil temperature failure of a diesel generator which due to camshaft deform and abrasion.
 - Co-work with ODM agent to refurbish three-way temperature valves control system.
- Superintended electric power plant usage and maintenance
Main experience (Role: Electrical officer)
 - Managed electrical system distribution.
 - Planned a schedule maintenance, inspection and testing of gas turbine generator.
 - Assistance shipyard technician to solve a gas turbine generator cold-start failure issue.

EDUCATION

Pre-master's in Engineering • Dept. SATM, Cranfield University, UK ('18—'19)

Overall grades: 83/100 (unfinished master's degree due to the COVID-19)

B.S. • Dept. Applied Science, Naval Academy, Taiwan ('09—'13)

Overall grade average: 84/100; Last 60credits: 85/100; Class ranking: 1/143