

EDWARD ALEGRIA

Civil Engineer

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Civil Engineer with 9 years of experience working in various capacities to complete construction engineering tasks. Proven success in identifying and addressing challenges to complete projects on-time and under budget. Applies cost-saving strategies without sacrificing practicality and quality. Manages large projects and teams to meet milestones and exceed quality expectations. Innovative Construction Engineer skilled in motivating construction teams to exceed expectations and maintain high standards.

Work History

2023-3 ~ Current

CONSTRUCTION ENGINEER • PLANNING ENGINEER

Sasaki Industries Co. LTD, Yamaguchi Prefecture Japan

- Reviewed design department drawings
- Oversee Construction Personnel.
- Make a plan for the needed works in the whole construction project including working hours. (Planning for Arrival of Materials, Construction Planning)
- Coordinated engineering team for projects in multiple construction sites.
- Prepared, checked, and coordinated documentation to be submitted to costumers.
- Kept sites compliant with Japanese standards especially safety.
- Make drawings using AutoCADLT if needed.

2017-10 ~ 2023-2

PRODUCTION SUPERVISOR • PLANNING ENGINEER

Sasaki Industries Co. LTD, Yamaguchi Prefecture Japan

- Led and micromanaged production of multiple projects such as steel weirs, steel bridges, shipping containers, piers etc.
- Make a plan for the works needed for the whole projects including working hours. (Structural Steel Cutting plans, Fabrication/Welding/Inspection/Painting/Shipping Schedules)
- Boosted productivity within team by mapping performance and aligning strengths to benefit performance cost indexes, adapting plans to ensure goals achieve.
- Make drawings using AutoCAD if needed.
- Reviewed design department drawings and oversee production personnel.
- Prepared, checked, and coordinated documentation to be submitted to costumers.
- Kept factory compliant with Japanese standards especially safety.

2017-02 - 2017-10

DESIGN ENGINEER

Panasonic Environmental Engineering, Osaka, Japan

- Design Engineer for ship's Ballast Water Management System.
- Verified ballast system installed on board in accordance with specification.
- Brainstormed with product designers to implement and refine new manufacturing processes.
- Tested and analyzed equipment design and performance feasibility.
- Worked with fabricators to test prototypes and develop production processes.
- Created detailed reports on engineering activities and findings.

2014-03 - 2017-02

QUALITY ASSURANCE ENGINEER

Mitsubishi Heavy Industries Nagasaki Shipyard, Nagasaki Japan

- Quality Assurance Engineer for ship's insulation, fire protection and piping.
- Do preliminary inspection of area to be presented to owner and instruct workers if there are errors in installation according to design specifications
- Presented inspection area to Owner, consults with design department about Owner's comments.
- Collaborated with developers and project managers to assess program capabilities, features and testing demands.
- Fixed identified issues to increase productivity and boost workflows.
- Produced and maintained technical documentation for project reference.

EDUCATION

2011-06 - 2012-05

Bachelor of Science: Civil Engineering

University of Luzon - Pangasinan Philippines

Civil Engineering Board Exam Passer Nov 2012

Short Online Courses

2023-08-17

Data Center Essentials : General Introduction

Udemy (Online Learning and Teaching Platform)

2023-08-20

Data Center Facility Operations and Maintenance Training

Udemy (Online Learning and Teaching Platform)

2023-08-24

CCNA and CCNP Real World Labs – Data Centers and Cabling

Udemy (Online Learning and Teaching Platform)

Professional Training

Steelworks Production Management Engineer level 2

Languages

Filipino: Native Language

English: Intermediate Speaker and Listener, Advanced Reading and Writing

Japanese: N2- Upper Intermediate Listener and Speaker, Advanced Reading and Writing