

EULA MAE SAN JUAN, EIT

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Engineering Technologist

PROFILE

- Seasoned, quality-focused Civil Engineering Professional with over 7 years demonstrated competency in design and planning
- Bachelor's degree in Civil Engineering
- Advanced in drafting and modeling skills achieving 130% efficiency in time and quality accomplishments using AutoCAD and other drafting software
- Designed and drafted infrastructure projects generated AutoCAD drawings by combining architectural, structural, mechanical and electrical layout plans
- In-depth experience in designing and planning municipal infrastructure like roads, land development, sewers, sidewalks, drainages, bridges, watermain, reservoirs, and low rise building
- Demonstrated coordinating skills with contractors, project engineers, technologists, architects, consulting engineers and design team with proven multi-tasking skills to achieve good quality project output
- Proficient in MS Office, AutoCAD program, SketchUp, Civil 3D, and rendering programs
- Strong attention to details and proven ability of developing new conceptual designs quickly while ensuring outstanding client service and technical excellence
- Exceptional planning and organizational skills with excellent interpersonal and communication skills, both verbal and writing
- Analytical, innovative, excellent team player, inquisitive clear thinker, work well under pressure and tough deadline, can work independently or with minimum supervision
- Dedicated fast learner and professional growth enthusiasts, passionate and responsible hard worker, embrace new challenges without stress

PROFESSIONAL EXPERIENCE

Engineering Design Technician

Igné Ferro Architectural Fireplace Studio, www.igneferro.com
680 Caledonia Rd, Toronto, ON

April 2017 – Present

Igné Ferro Architectural Fireplace Studio is a company that offers design and build fireplace mantels, fireplace installation, and customize design fireplace surrounds

- Prepared working drawings for custom made fireplace construction using AutoCAD software
- Drafted shop drawing and detailed plans using AutoCAD Software
- Drafted 3D design presentation using Sketch-Up software
- Drafted existing and design proposals ensuring designs meets the standard design for the specific fireplace to be installed
- Read blueprints and plans to understand design meets structural and architectural proposed design and restrictions
- Coordinated with the project manager for the approval of design concepts
- Prepared estimated cost for the project activities

PROFESSIONAL EXPERIENCE CONT'D

Design Engineer / Drafter

Planning and Design City Engineering Office – www.samalcity.gov.ph,
2009 – 2016

Philippines

City Engineering Office or Municipal Engineering is concerned with municipal infrastructure. This involves specifying, designing, constructing, and maintaining municipal infrastructure following the national code standards

- Prepared project analysis report from field or on-site investigation to the project manager
- Coordinated client consultation in verbal and written communication to discuss and identify desired plans and requirements
- Performed design, planning, structural analysis and calculations ensuring structural plans meet standards and regulatory compliances
- Drafted designs in 2D and 3D using AutoCAD, Civil3D, SketchUp with rendering output
- Prepared detail cost estimate and calculate project duration and schedule.
- Prepared design presentation in MS PowerPoint for clients and stakeholders
- Produced detailed construction blueprints and soft copies of the design
- Conducted regular onsite monitoring upon implementation of critical activities of the project to ensure construction meets the desired plan and engineering standards
- Assisted on ocular inspection to assess damages of on-going projects and evaluated efficiency of design as implemented on actual construction
- Conducted research and planning between project team members to evaluate and find ways on new effective drafting methods and technology, reviewed teams' accomplishments and discuss issues to be resolved
- Applied analytical problem solving to resolve project or communication issues

EDUCATION

Bachelor of Science in Civil Engineering
University of Southeastern Philippines, Philippines

2008

PROFESSIONAL DEVELOPMENT

Engineering Connection, Toronto, ON Jan 9 – Feb 17, 2017
ACCES Employment Services / Humber College Institute of Technology & Advanced Learning
Introduction to Canadian Engineering Codes and Standards, Software, Laws & Ethics, Project Management and Workplace Communications

PROFESSIONAL MEMBERSHIP & AFFILIATIONS

Engineer-in-Training
Professional Engineers Ontario

June 2017 - Present

Registered Civil Engineer, Philippines
Professional Regulation Commission (PRC)

November 2009 – Present