Paulo Tuzon Victorio

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Professional Summary

Civil Engineer and Project Controls professional with experience in commercial management, contract administration, quantity surveying, and cost control for large-scale water infrastructure projects. Proven track record in leveraging digital solutions to streamline engineering and commercial processes and workflows through automation and digital transformation initiatives within EPC environments.

Skills

Technical

Quantity Takeoff, Quantity Surveying, Cost Estimation, Planning and Scheduling, Project Control, Project Management, Construction Engineering, Structural Analysis and Design, Programming, Scripting and Automation

Tools

Primavera P6, AutoCAD, Revit, STAAD Pro, ETABS, Bluebeam Revu, SAP S/4HANA, Python, Powershell, Git, VS Code, Codex

Work Experience

Project Control Engineer | East Bay 2 Water Treatment Plant Project | Acciona Agua, S.A. Philippines

December 2024 - Present

- Developed Python and PowerShell automation tools for billing generation and process drawing extraction from Bluebeam Revu, **reducing manual effort by approximately 98%** and enabling automated tracker creation.
- Built Excel-based reporting and tracking systems using VBA, Power Query, and advanced formulas, **reducing document processing time by 99.83%** (20 minutes to 2 seconds) while improving traceability and data accuracy.
- Prepare and manage project progress billings for client submission, ensuring compliance with contractual requirements and milestone achievements.
- Serve as the primary focal point for billing and collection concerns, coordinating with finance teams and utilizing SAP S/4HANA to investigate invoice discrepancies and facilitate resolution.
- Review and validate subcontractor progress billings for contractual compliance and commercial accuracy.
- Participate in contract administration activities involving variation orders, cost claims, and commercial discussions to support risk mitigation and cost control.

- Monitor supplier contractual performance and recommend corrective actions where necessary to improve project outcomes.

Independent Contractor | Civil Engineer

April - December 2024

- Produced site development plans and 3D-rendered visualizations for residential development projects.
- Developed a comprehensive cost estimate for a concrete fencing project, enabling the client to **achieve approximately 14% savings** by identifying pricing discrepancies in the contractor's quotation.

Intern | National Economic and Development Authority (NEDA)

July - August 2021

- Developed a centralized repository of ICT-related circulars, improving accessibility and knowledge sharing within the department.
- Drafted a comprehensive Terms of Reference (ToR) supporting the DICT e-Government Masterplan 2022 initiative.
- Researched emerging infrastructure and construction trends to inform strategic planning and policy development for the "new normal."

Certifications and Licenses

Professional Regulation Commission (PRC)

Board of Civil Engineering - Civil Engineering Licensure Examination

2024

- Board-certified Civil Engineer (85.15%)

Education

Universidad Politécnica de Madrid | University of the Philippines Diliman

International Specialization Programme in Project Administration (iXPA) - ACCIONA Talent Hub Philippines

2025 - 2026

- Selected as one of 23 selected participants based on academic excellence and leadership potential.
- Collaborated in cross-project teams supporting ACCIONA Philippines operations through business case development and data-driven analysis.

University of the Philippines Diliman

College of Engineering - B.S., Civil Engineering (Construction Engineering and Management)

2019 - 2023

- GWA: 1.502/1.000

— President's List (2x), Dean's List (3x)

School of Economics - B.S., Economics

2018 - 2019

— Dean's List (2x)

Mapúa Malayan Colleges Laguna

Senior High School | Academic Track | STEM

2016 - 2018

— E.T. Yuchengco Institutional Scholarship Recipient (Top 10 Examiner; full-ride scholarship)
— GWA: 94%
— Graduated with High Honors

Mary Help of Christians College - Salesian Sisters Inc.

Junior High School

2012 - 2016

— Graduated as Salutatorian
— Academic Awardee (Grade 1 to Grade 10)

Organizations

UP Investment Club

Internals Committee Officer

2019

— Organized team-building and engagement initiatives to strengthen collaboration and communication among members.