

BERNARD BERNABEO

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PROFILE

Data Analyst | Project Management Specialist | Civil Engineer

Experienced civil engineering and project management professional with over 10 years in construction and infrastructure. Currently advancing data analytics skills through a Post-Degree Diploma, with hands-on experience in Excel, Python, and R Studio. Strong in cross-functional collaboration, analytical thinking, and continuous learning, with a focus on applying data-driven insights to real-world operations.

PROFESSIONAL HIGHLIGHTS

- Designing and maintaining analytical models to extract insights from large dataset
- Building proficiency in Excel, Python and R Studio for data manipulation, cleaning, and reporting
- Strong analytical thinker with a natural curiosity for solving problems and improving workflows
- Strong written and verbal skills, collaborating with cross-functional teams to present findings and address stakeholder needs

EDUCATION

Data Analytics, Post-Degree Diploma

[Langara College](#), Vancouver, BC

September 2024 – PRESENT
Expected Graduation March 2026

Bachelor of Science in Civil Engineering

[Mapua University](#), Manila, Philippines

July 2007

WORK EXPERIENCE

Project Engineer

July 2020 - August 2024

Principal Assistant Project Engineer

July 2016 - July 2020

Engineering Officer

July 2013 – July 2016

[Land Transport Authority](#) – Singapore

- Coordinated cross-functional teams during the successful delivery of infrastructure projects, ensuring compliance with strict safety, technical, and timeline requirements
- Reviewed and prepared technical reports and construction data, enhancing documentation quality and supporting senior management decision-making
- Managed schedules and resources to ensure timely completion of large infrastructure projects
- Applied analytical skills to identify and mitigate risks, ensuring safe execution and minimizing operational disruptions

Produce Clerk

January 2025 - PRESENT

[Loblaws City Market](#) (Arbutus) - Vancouver, BC

- Supported product flow in a department contributing 20% of store sales, enhancing customer experience
- Conducted regular cycle counts and shop floor walks to ensure accuracy of inventory data
- Collaborated with team and supervisors to streamline restocking processes
- Engaged customers and team members to address needs and improve overall service quality

PROJECTS HANDLED

Construction of Kim Chuan Depot Extension for Circle Line 6 November 2020 – July 2024
Expansion of the world's largest underground depot (27 hectares), featuring two underground levels, three administrative buildings, and rail access through two connection points

Construction of Canberra Station July 2016 – November 2020
design and construction of a two-level above-ground station built over active tracks and viaducts, including roadworks, commuter facilities, an elevated link bridge, and modifications to existing infrastructure for new track crossover installation

Upgrading Works at Choa Chu Kang Interchange Station July 2013 – July 2016
addition and alteration works at existing MRT and LRT stations, including new platform construction, staircase and faregate upgrades, and a high covered linkway connecting to a nearby shopping mall

Skills: Cross-functional team collaboration, technical execution, communication and stakeholder engagement, management presentation, problem-solving, time management, budget tracking and cost control, reporting, documentation, and data-driven decision-making

POST-DEGREE PROJECTS

DANA4830 | Bioinformatics Data Case Study Summer 2025
Extracted gene expression data and designed a machine learning pipeline for accurate binary classification, focusing on gene selection to optimize model performance and interpretability

CPSC4810 | E-commerce: Brazilian (Olist) Orders Dataset Spring 2025
Application of data cleaning and transformation to unstructured data set to assess customer distribution, sales trends, and product category performance over time, and developed a predictive model to estimate delivery dates more accurately

DANA4800 | BC Wildfire Incident Locations Fall 2024
Analysis of weather indices and environmental factors in Canada

Skills: Large data (structured and semi-structured) extraction, cleaning, transformation, and mining, exploratory data analysis, modeling using R Studio, Python, and Excel; collaboration, communication, presentation, and analytical skills

PROFESSIONAL CERTIFICATIONS & MEMBERSHIPS

- The Data Administration Management Association (DAMA Vancouver) - Member June 2025
- The Institution of Engineers Singapore - Member February 2016
- Professional Regulation Commission (Philippines) – Civil Engineer January 2008

REFERENCES

Tan Wee Thong | +65 9138 3529
1 Deputy Director, Rail Expansion | Land Transport Authority (Singapore)

Jimmy Tay | +65 9030 0568
Principal Project Manager, Rail Expansion | Land Transport Authority (Singapore)

Ivan Brkljacic | +1 (778) 697-5180
Assistant Produce Manager | Loblaws City Market (Arbutus)