

## FOO JOO WEE

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### CAREER OBJECTIVE

Transitioning from a career in structural/civil engineering consultancy and seeking a full-time job in the field of data/business analytics. Seeking for opportunities to contribute to organizations by leveraging existing engineering knowledge, problem-solving experiences and interpersonal skills. Very enthusiastic about being able to grow and gain new work experience, technical skills and connections in a new field of work after recently completing the Google Data Analytics Professional Certificate.

### WORKING EXPERIENCES / RESPONSIBILITIES

#### **Executive Engineer in TYLin International Sdn. Bhd. (June 2018- Present, 4 Years 3 Months Experience)**

##### Genting Tropicana Township (Mixed Development Project)

- Actively involved in reinforced concrete (RC) and prestressed concrete (PT) design for beam, slabs and columns
- Promoted the use of VBA codes in Excel and LISP Function in AutoCAD to optimize repetitive work
- Usage of 3D BIM modelling to facilitate coordination with architect in planning stages of the project
- Provided value engineering solutions which resulted in up to 10% cost savings to Quantity Surveyors

##### Thomson Hospital Kota Damansara

- Actively involved in reinforced concrete (RC) and steel connection/frame design
- Regularly carried out site inspections and coordinating with contractor for site works and issues
- Attended client-consultant, site and technical meetings alone to represent the company
- Managed infrastructure submissions and liaising with relevant authorities

##### Genting Tropicana Apartments

- Designed pile cap, piles and raft foundation design related to geotechnical works
- Actively managed considerable amount of software data for wind and earthquake analysis
- Frequently coordinated with client, architect and quantity surveyor for project progress and costing

##### Sports Club/ISO Committee

- Actively involved in the planning and organizing of sports and social events
- Carried out internal company audits to ensure ISO compliance
- Wrote monthly articles and lead editor for company newsletter

### EDUCATION / PROFESSIONAL CERTIFICATION

#### Bachelor of Civil Engineering (First Class Honours)

**CGPA: 3.639** - Monash University Sunway (2014), Monash University Clayton, Australia (2015-2017)

#### South Australian Matriculation Programme (2013)

**ATAR 98.45** (Top 1.55%) - Taylors College Subang Jaya

#### Google Data Analytics Professional Certificate (2022)

Online Course by Google on Coursera (Learned basic SQL, Tableau and R)

#### Sijil Penilaian Menengah (SPM) (2008-2012)

**5A+ 3A 1A**- SMK ACS Klang

### TECHNICAL SKILLS / SOFTWARE

#### General Software

- Microsoft Excel (With VBA basic knowledge)
- Microsoft Word
- Microsoft PowerPoint
- Tableau
- R (Basic Knowledge)
- SQL (Basic knowledge)
- Python (Basic Knowledge)

#### Engineering Software

- Etabs (3D Structure Analysis)
- StaadPRO (Steel Analysis)
- SAFE (2D/3D Structure Analysis)
- Revit (3D BIM Modelling)
- Orion (2D Structure Analysis)
- Adapt PT (Prestress Design)
- AutoCad/Sketchup 3D

### KEY QUALITIES

- Highly logical and analytical thinking process
- Great in pattern recognition and problem-solving
- Stoic and optimistic when facing challenges
- Good time management and task prioritization
- Confident and articulate communicator
- Engaging speaker and presenter
- Enjoys optimizing workflow and processes