

CURRICULUM VITAE

Tharanga

For further information

Contact Jude-Employment Co-ordinator

Phone DDI 03 353 4161

Personal Statement

I am a **self-motivated graduate seeking an entry-level position in civil engineering** where I can **apply and develop my civil engineering training and skills and gain relevant practical workplace experience.**

I have effective organisational skills, an analytical/logical approach to tasks and the ability to work under pressure. I am self-motivated and enjoy working on my own initiative or as part of a busy team. I am a reliable, adaptable, responsible hardworking and meticulous person who is quick to learn new systems and processes and have a genuine interest in establishing and progressing my career as a Civil Engineer.

Education/Training

B.E. (Civil Engineering Technology)

Unitec Institute of technology, Auckland

2007-2009

- Elective papers focused on water/waste engineering, land development engineering, structural engineering, traffic and highway engineering.
- Individual and group projects:
 - Developed a hydraulic model for a sewer pipe system in Takapuna catchment (an initiative of North Shore City Council), to assess the dry weather performance using Mike Urban, MapInfo and ArcGIS softwares;
 - Provided a subdivision design for a given site. (Involved site investigation, providing a geotechnical report, designing pavements, wastewater/stormwater pipelines and water supply system and estimation of the total cost of construction of the subdivision);
 - Prepared a business plan for a construction company as a part of the Engineering management;

Burnside High School, Christchurch

2003

- Seventh Form
Subjects: Chemistry, Mathematics with Calculus
Physics and Mathematics with Statistics.

Skills/Attributes

- Broad knowledge of Civil Engineering principles and processes - completed the Bachelor of Civil Engineering at Unitec 2009.
- Strong team-player skills developed through work in retail, in student group laboratory experiments and in group presentation work
- Practical student experience of site inspections and surveying, initial infrastructure assessments, pavement design and environmental aspects through Unitec work placements.
- Possess strong analytical and problem solving skills gained by working on various projects at Unitec and also well organised and have efficient time management skills that are essential for meeting deadlines.
- Familiar with Sub-divisional Engineering Code NZS4403 and other New Zealand Standards such as NZS3910, NZS3101, NZS3404, NZS4203, TP 108
- Proficient in the use of computers -competent in the following software packages:
 - **AutoCAD** – Completed the introductory course in 2007 and used it throughout the degree programme (Vastly in Civil Drawing and Structural Drawing);
 - **Mike Urban (Mouse)** – extensive use in final year project;
 - **MATLAB/Simulink** – completed two papers at University of Canterbury in 2005 and 2006;
 - Broad use of **Photoshop** and **Microsoft Office** (Excel, Word and PowerPoint).
- Good understanding of the Resource Management Act.
- Sound written and oral communication skills, gained through university study including presentations using a range of visual aids.
- Self motivated and have developed excellent leadership skills as a result of number of projects carried out throughout the degree.
- Possess a good temperament to adapt to any situation and keen to learn more about the industry, flexible and open to new opportunities.

Work Experience

Dick Smith Electronics (Part-time)

Mar 2008 – Dec 2008

- Sales Assistant

Verkerks Limited, Christchurch (Full-time)

Dec 2006 – Feb 2007

- General Labourer and Machine Operator

Ted Rollingstone Enterprises, Ashburton (Full-time)

Nov 2004 – Jan 2005

- Gardener

Fruit Orchard, Lincoln (Temporary)

Nov 2003 – Jan 2004

- Raspberry Picker

Interests

- I am an active member of Cantalankan Association, Christchurch and have organized number of cultural and social events such as New Year's festival, Six-a-side cricket tournaments, and fund raisers.
- Interest in photography, reading
- Enjoy listening to music and watching movies.
- Enjoy watching all kind of sports, specially cricket, rugby and tennis.
- Played cricket for Burnside High school 2nd XI and the captain of the current Riccarton Cantalankan team.

Referees- available on request