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Education/Qualifications

2014 – Present: Bachelor of Engineering (honours) (Civil and Structural) UniSA

Prior Experience

Transportation Engineer working on UniSA (2015)

- Using method of geometric road design to produce road alignment by using 12D under guidance of *Austrroads Guide to Geometric Design*
- Prepare a functional road hierarchy classification for metropolitan regions
- Development proposal and traffic impact assessment for a mixed-use development

Geotechnical Engineer working on UniSA (2015-2016)

- Develop geotechnical profile base on soil mechanics
- Retaining wall design and slope stability analysis

Structural Engineer working on UniSA (2016)

- Analysis loadings on a structural and load path
- Design structural elements with materials of steel, timber and reinforced concrete based on AS1170, AS4100, AS1720.1 and AS3600

Water Engineer working on UniSA (2016)

- Prepare design and documentation of stormwater drainage, sewer reticulation and potable water supply system for new developed areas

Previous Projects

Engineers without Borders Challenge (2014)

Noarlunga Rail Line No. 59 Extension (2015)

Road design and traffic management (2015)

Whyalla Regional Cancer Centre Redevelopment, Reinforced Concrete and Steel Structures Design (2016)

Water Resources Systems Design for Strathalbyn, South Australia (2016)

Computer Skills

Microsoft Office, AutoCAD, SPACEGASS, Strand7, CORD, Drains, HEC-RAS, CIRCLY, GALENA, Autodesk Revit, Autodesk Inventor, Solidworks, Matlab, ArcGIS, 12D.

Professional Qualities

- Honesty and integrity to effective leadership and optimal business relationships
- Dependable, responsible contributor committed to excellence and success
- Highly adaptable, mobile, positive and patient who is open to new ideas
- Productive worker with solid work ethic who exerts optimal effort in successfully completing tasks
- Good communications skills who can listen, write and speak effectively

Innovative problem solver who can generate workable solutions and resolve complain