Samuel Matthews Curriculum Vitae

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Education/Qualifications

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

Prior Experience

Under Graduate Structures engineer at CPB Contractors

(2015-2017)

- Undergraduate structural works, primarily bridges
- Track and forecast costs
- Program works
- Analyse design based construction issues and provide solutions for approval
- Design of temporary works for approval

Site Manager and Supervisor at Verdant Minerals (2012-2014)

- Manage works on site during resource feasibility studies
- Assist hydrologists with data acquisition during pumping feasibility tests

Previous Projects

Ammaroo Phosphate Exploration and Feasibility Study (2014)

Noarlunga Rail Line No. 59 Extension design (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)

Torrens to Torrens – Road infrastructure upgrade (2016 - 2017)

Computer Skills

Microsoft Office, AutoCAD, SPACEGASS, Strand7, CORD, Drains, HEC-RAS, CIRCLY, GALENA, Autodesk Revit, Autodesk Inventor, Solidworks, Matlab, ArcGIS, Hyperworks, Altair Inspire, Incite, Prysm.

Professional Qualities

- A strong team leader with a focus on team participation and engagement
- A broad and experience knowledge base within the engineering and construction industry
- Punctual and committed to company goals and policies
- A keen grasp of engineering concepts and design procedures