

BenRaftery

Contact

14 Audenshaw Street
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QLD, Australia

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Software

Microsoft Office
AutoCAD Mechanical
AutoDesk Inventor
AutoDesk Civil 3D

Interests

Programming
Touch football

Engineering experience

2010–2013

Lever Australia

Sherwood, QLD

Undergraduate Engineer

- Over 2,000 hours experience as an undergraduate engineer
- Liaising with clients, design, drafting and site support

Noteworthy Projects

Lake Vermont Site Expansion and Flood Study

- Architectural design and draft of maintenance area and site offices, slab design and fitout for light vehicle washpad, heavy vehicle washpad, fuel farm and central maintenance workshop area
- Laid out site plan on aerial images for traffic requirements
- Design and draft of pipeline, dam expansion and manifold redesign for environmental dam.

Lihir Gold Infrastructure Upgrade

- Layout and drafting for lubricant, crusher and ancillary workshops, assisting in column and slab design.
- Design of walkways and access stairs to crusher including design of counter-weighted personnel drawbridge.
- Layout, slab design and drafting of effluent pit, bunds and light tower footings.

Stanmore Coal

- 3D model design of train rail using LiDAR data and Autodesk Civil 3D, along with design and draft of loadout using Autodesk Inventor for 3D rendering

Work Experience

2015–2016

Lüp (formerly Expo News)

Brisbane, QLD

Events Management

- Supervising exhibition ticketing and crowd control, lead generation, data collection and IT supervision

2013–2015

Crust Gourmet Group

Mt Gravatt/Annerley, QLD

Supervisor/Pizza Maker

- Decision making and prioritisation in a fast-paced environment; teams of 5-10
- Customer interaction and conflict resolution

2007–2009

Neos Pizza, Pasta, Gelati

Highgate Hill, QLD

Manager/Kitchenhand

Education

2010–2015

B.Eng. Civil Engineering

University of Queensland, St Lucia

(Electing Project Management, Structural Design, Traffic Design, Design Projects)

2005–2009

QCE. Queensland Certificate of Education

Brisbane State High School

Math B, English, Physics, Aerospace Studies, Tech Studies, Physical Education

Volunteering

2009

Bronze Medallion

Dicky Beach Surf Lifesaving Club

Perform basic water rescues, provide Cardio Pulmonary Resuscitation (CPR), Radio certificate, ATV License for beach use

Further Information

<https://au.linkedin.com/in/benraftery>