



ENGINEERS
AUSTRALIA

Clough Engineering Internship Profile

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I completed the Clough Engineering Summer Internship over the 18/19 break whilst undertaking the Master of Professional Engineering in Chemical Engineering at The University of Western Australia. The internship provided opportunities to contribute to, learn from and apply engineering skills in solving problems for ongoing engineering projects and live assets. Clough ensured I had variety in these tasks and was mentored throughout by experienced engineers. This was an asset to professional, technical and personal development as a young engineer.

I contributed to technical scopes of work within the Process Engineering Team to solve real problems for clients, including assessment of the effectiveness of process safety systems for a live asset. The work emphasised the extensive layers of protection built into the design of a large process facility and the continual review processes and assessments carried out to ensure the protection remains adequate. This insight was extremely beneficial in completion of my final year design project. Through this work, I was able to build relationships with colleagues in the team, learn from their experience and translate lessons from the classroom into solutions to current problems faced in the Oil and Gas Industry.

Alongside this technical experience, I was afforded the opportunity the work on a local infrastructure project for 6 weeks. This site experience gave me insights into the industry and the work of a project engineer that I wouldn't be exposed to in the classroom. What I found

most rewarding about this experience was walking out into the field to see the scale of the systems I was working on. As a process engineer, we spend a lot of time ensuring safety in design and my experience on site highlighted safety as being at the forefront of every decision and action throughout the entire lifecycle of a project. I enjoyed adapting to the fast-paced nature of project engineering which encouraged development of my self-management and communication skills. The combined experience of work within my engineering discipline and in project delivery was an excellent opportunity to develop my capabilities as an engineer. I was challenged to find initiative solutions in a variety of contexts and communicate these effectively to technical and non-technical audiences.

The internship at Clough provided an extensive suite of learning and development that complimented my final year of study, provided real exposure to graduate employment and assisted in a seamless transition into my professional career. I've since commenced my career as a Graduate Engineer at Clough and I'm excited to continue to grow as I work within the engineering and project teams to deliver Brownfields projects on world class assets and up and coming, innovative Greenfields projects.