

# RACHAEL BROWN

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## KEY SKILLS

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- Civil/Structural Engineering graduate, with a passion for environmentally sustainable construction.
- Great communicator who thrives on collaborative projects. Active member of the Illawarra Flame House that won the 2013 Solar Decathlon in Beijing, China.
- Leadership and drive: Led a team of 25 multi-disciplinary students to national semi-finals of 'Enactus' inter-university challenge.
- Accountability: I take work and extra-curricular tasks seriously and deliver my best consistently, demonstrated by sporting, voluntary work and academic achievement.
- Strong proficiency in Excel; Basic user of C and C++ and Microsoft Project.
- Proficient with CAD, Matlab, Talpac.

## EDUCATION

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**Bachelor of Civil Engineering**

**2012 – Nov 2015**

**University of Wollongong**

- Distinction average (82%)
- High Distinctions: Roads Engineering; Geomechanics
- Distinctions: Environmental Engineering Design; Civil Engineering Design

## PROFESSIONAL EXPERIENCE

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**Undergraduate Civil Engineer**

**Nov 2014 – Feb 2015**

**Northrop Consulting Engineers**

Description

- Undertook 12 weeks' full time professional experience on the Northrop Summer Vacation program
- Completed rotations through Building Services, Water Infrastructure and Mechanical Services.
- Assisted Senior Civil Engineer on a project to determine the ongoing stability of concrete stabilised footpaths around a commercial/retail centre
- Shadowed Associate Engineering Consultants working on an industrial development and gained insight into flood planning, the use of fibre reinforced slabs and gantry cranes.
- Observed the preparation, function and process of tender and contract documents in action, and assisted Civil Engineers to fulfil these.