

OSCAR BIASON

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78 The Esplanade Thornleigh

CIVIL ENGINEER UNDERGRADUATE

I am a current fourth-year civil engineering student at UTS that is expecting to complete studies in early-mid 2027 and am currently undertaking an internship at TTW. Looking for a civil engineering firm that will expand and accelerate my skillset and allow me to become an integral part of their business.

TECHNICAL SKILLS

TUFLOW	COUNCIL DCP	CIVIL 3D
DRAINS	HEC-RAS	MUSIC
HEC-HMS	OSD-SIZING	AUSTRALIAN STANDARDS
FLOOD RISK ASSESSMENT	FLOOD FREQUENCY ANALYSIS	INFRAWORKS

EDUCATION

BACHELOR OF ENGINEERING (HONOURS)

2023 - PRESENT

University of Technology Sydney (UTS)

- Majoring in Civil Engineering (2nd and 3rd year DISTINCTION AVG)
- 2nd round of the EWB challenge

EMPLOYMENT

Taylor Thomson Whitting Internship (TTW)

DEC 2025 - PRESENT

Civil/Flooding Engineer Intern

- Design & size stormwater systems (OSD tanks, sediment basins, rainwater tanks, pits & pipes).
- Produce and mark up civil drawings.
- Develop and model flood maps.
- Produce Flood Frequency Analysis Reports & Sediment Basin Management Plans.

TARGET

AUG 2023 - PRESENT

Retail Assistant

- Collect and complete online orders with a 85-90% collection rate within 2 hours.
- Clean and ensure products are well presented in store shelves.
- Delivered customer service with a positive attitude.
- Lead and teach new employees to seamlessly integrate to maintain a 100 unit per hour standard.

TRANSFERABLE SKILLS

DILIGENCE

TEAM SKILLS

INQUISITIVE

DISCIPLINED

PROACTIVE

RELEVANT EXPERIENCE / PROJECTS

Schofields-Tallawong High School

JAN 2026 - PRESENT

- Designed ramp and pathway crossfalls to meet disability and landscaping requirements.
- Drafted and modelled retaining walls, surfaces, corridors and long sections
- CIVIL 3D Modelling Site Grading
- COUNCIL DCP Compliance
- Roof Catchment Analysis

Pathways To Community Living (Multi-Residential 4 sites)

DEC 2025 - FEB 2026

- Developed stormwater designs for sites including OSD and Rainwater tank sizing to for PSD rates
- AS3500 Compliance Analysis
- DRAINS Modelling for OSD and In-ground Pipe System
- MUSICX Modelling Stormwater Quality Compliance
- CIVIL 3D Modelling Site Grading

Chavelier Highschool

FEB 2026

- Designed development stormwater system for 90% design, pipe & pit sizing, cut & fill design
- Civil 3D Modelling Site Grading
- DRAINS In-ground Pipe System

New Energy Transport – Truck & Charging Depot

FEB 2026

- Produce a catchment plan utilising digital elevation models and importing them through Civil 3d and InfraWorks.
- Design and size culverts & on-site detention tanks.
- DRAINS Modelling Culvert and OSD sizing
- Civil 3D & InfraWorks Catchment Plan

ISPT North Ryde Data Centre

JAN 2026

- Edit and run the council's TUFLOW model for pre- & post-development.
- Run different scenarios on blockage and climate change with different stormwater events.
- Produce and edit flood depth, afflux, velocity & hazard maps.
- TUFLOW Modelling
- HEC-HMS Catchment Plan

QUALIFICATIONS & CERTIFICATIONS

White Card

Driver's License

REFEREE

Mr Colin Rope
TTW Civil Associate Director
