

# Oscar Biason

*Civil Engineering Student | Stormwater & Flood Modelling | UTS*

Final-year Civil Engineering student at the **University of Technology Sydney** with hands-on industry experience in stormwater design, flood modelling, and civil drafting through my internship at **Taylor Thomson Whitting**.

I'm passionate about practical, buildable drainage solutions and data-driven flood risk assessment that improves both safety and sustainability in urban environments.

## About Me

I am currently completing my Bachelor of Engineering (Honours), majoring in Civil Engineering, with a distinction average in my second and third years. My academic experience, combined with industry exposure, has allowed me to develop a strong foundation in hydrology, hydraulic modelling, and drainage design.

My interest in water engineering began early in my degree when I progressed to the proposal round of the **Engineers Without Borders Challenge**, where I worked on a bioswale-focused Water Sensitive Urban Design concept. Since then, I've focused on stormwater systems, flood modelling, and resilient infrastructure.

## Technical Skills

<i>Hydrology &amp; Flooding</i>	<i>Stormwater &amp; Drainage</i>	<i>Software</i>
<i>Flood risk assessment Flood Frequency Analysis</i>	On-site detention sizing Pit & Pipe Design Catchment planning Sediment Basin Mangment and Operation manual	TUFLOW HEC-RAS HEC-HMS DRAINS MUSIC Civil 3D InfraWorks