

# CAPABILITY STATEMENT

## Lachlan Mason



### Graduate Engineer Water Resources

#### CONTACT DETAILS

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#### QUALIFICATIONS

- Bachelor of Engineering (Civil)(Hons)
- Bachelor of Computer Science

#### PROFESSIONAL ASSOCIATIONS

- MIEAust
- Australasian Wind Engineering Society Member

Lachlan graduated both a Bachelor of Computer Science and a Bachelor of Civil Engineering in 2021, achieving first-class honours in the latter after completing a design thesis, which focused on standard Australian wind loading design processes.

He is now working as a member of the Hobart-based Water Resources Team at Pinion Advisory, applying his degree to a variety of technical methods. This includes flood modelling, pipeline design, pump station design, and levee and dam design.

#### Areas of expertise

- Water resources engineering
- Hydraulic modelling
- Flood and dam break modelling
- Engineering design
- Civil engineering
- Wind loading design
- Programming

#### Professional experience

- Pinion Advisory – Graduate Engineer – Water Resources, 2021-present