



WARREN NGUYEN

BENG HONS (CIVIL)

Undergraduate Structural Engineer



OVERVIEW

Warren is an undergraduate civil engineer with a strong background in designing, planning, and executing residential infrastructure projects. Focused on safety, efficiency, and sustainability,

Warren has gained valuable technical skills through coursework and practical experience. Eager to contribute to engineering projects, Warren brings a problem-solving approach and a commitment to delivering quality work that meets project needs.

His expertise includes the ability to manage project timelines, budgets, and deliverables from conception to completion. He has also conducted detailed structural and civil design with structural Toolkit, Clearcalcs, Bluebeams, SewerGems. He is proficient in drafting and design using AutoCAD, Civ3D, Infracore and has conducted soil tests and field investigations, ensuring accurate geotechnical data collection to inform structural design decisions.

QUALIFICATIONS & MEMBERSHIPS

- ✓ BEng (Hons) Civil Engineering (Deakin University)

PROFESSIONAL EXPERIENCE

June 2024 – Present

Structural Engineer | Client: Multi Clients

- ✓ Provide construction design for residential modification.
- ✓ Structural elements design for different types of modification ranging from walls removal to home extension

June 2024 – Present

Structural Engineer | Client: Multi Clients

Key roles:

- ✓ Provided wind bracing designs to ensure structures withstand lateral forces and maintain stability under various wind conditions.
- ✓ Designed and optimised bracing systems to guarantee structural integrity while complying with relevant codes and standards for residential buildings.

June 2024 – Present

Structural Engineer | Client: Residential Client

Key roles:

- ✓ Contributed to the design, structural analysis, and consultation for various developments.
- ✓ Performing structural calculations and simulations to optimize design solutions.
- ✓ Worked on the design of roof and surface drainage systems, ensuring they adhered to site detention requirements.
- ✓ Prepared reports offering civil and structural alternative solutions to ensure compliance with Australian Codes.

Oct 2021 – Sept 2022

Site engineer Client: Deakin University

Key roles:

- ✓ Conducted CBR, dry density tests, and various routine soil experiments, efficiently managing and replenishing large volumes of samples to ensure accurate outcomes.
- ✓ Produced high-quality, detailed reports for project analysis and results, consistently preparing projects to meet stringent standards within fast-paced environments.