

ZHEWEN (ERIC) TU

Architectural Engineering Master's Student

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PROFESSIONAL PROFILE

Architectural Engineering master's student with hands-on experience in BIM modelling, construction-site coordination, quantity take-offs, clash detection and schedule simulation. Seeking an internship in construction, BIM coordination or project management where strong technical judgement and cross-functional collaboration can support safe, efficient project delivery.

EDUCATION

Master of Architectural Engineering | University of Canterbury

Christchurch, New Zealand • Jul 2026 – Present

Bachelor of Civil Engineering | Tianjin University

Tianjin, China • Sep 2021 – Jul 2025

Relevant coursework: Structural Mechanics (I & II) & Mechanics of Materials, Design of Concrete Structure / Concrete Structure Principle, Building Information Model (BIM) (Grade: 95), Building Structural Design Software

EXPERIENCE

BIM Engineer Intern | Construction Project

Tangshan, Hebei, China • Aug 2025 – May 2026

- Built structural BIM models by integrating issued drawings with site conditions and project requirements.
- Produced material quantity take-offs in Revit to support procurement planning and timely material preparation.
- Performed clash detection in Fuzor, identified coordination issues early and liaised with relevant parties to resolve them.
- Used Fuzor to simulate construction schedules and support reasonable site-progress planning.

Project Manager Assistant Intern | Construction Site Project

Tianjin, China • Jul 2024 – Aug 2024

- Supported daily site coordination, schedule tracking and project documentation for the project manager.
- Conducted visual inspections and quality-acceptance checks for façades and interior finishes.
- Interpreted engineering drawings, monitored progress against construction milestones, and coordinated with subcontractors and suppliers.

Product Manager | Internet Studio, Tianjin University

Tianjin, China • Sep 2021 – Jun 2024

- Contributed to cross-functional project coordination, scheduling and documentation within a university internet studio.

ACADEMIC PROJECT & AWARDS

Undergraduate Thesis — “Research on Smart Construction Technology”: Developed BIM models and construction simulations for a campus complex; strengthened capability in construction project management, cost control and risk analysis. First Prize, National College Students Structural Design Competition — Tianjin Division (2023) | Outstanding Member, Tianjin University Internet Studio (2021–2024)

TECHNICAL SKILLS & CERTIFICATION

BIM & Visualisation: AutoCAD (2D/3D), Revit, Advanced Steel, Fuzor, Lumion

Structural Analysis: Dlubal RFEM, Tekla Structural Designer | **Productivity:** Word, Excel, PowerPoint

Automation: pyRevit, Codex-assisted workflows | **Certification:** CTC SOL (Certificate for Teachers of Chinese to Speakers of Other Languages), 2025