



DAVID HUANG
STRUCTURAL ENGINEER
CURRICULUM VITAE

DAVID HUANG CV



PROFILE

David is a structural engineer with over 3 years of engineering experience in New Zealand. After completing his New Zealand Diploma in civil engineering at Unitec in 2015, David worked as a structural engineer for nearly 3 years. He returned to study and completed a Bachelor of Engineering Technology at Unitec in 2019 and obtained a Master of Engineering Studies in civil engineering in 2022. During this period, he worked for Auckland Council in the Development division.

David is highly motivated to use the knowledge obtained from studies and work to deliver high quality projects.

QUALIFICATIONS

NZDE (Civil) – New Zealand Diploma in civil engineering, Unitec, 2015

BEngTech (Civil) – Bachelor of Engineering Technology (Civil), Unitec, 2019

MEngSt – Master of Engineering Studies, University of Auckland, 2022

Emerging Professional Member of Engineering New Zealand

CAREER HISTORY

December 2022 – Present, Structural Engineer – Structus Consulting Limited, Auckland, New Zealand

June 2019 – December 2022, Development Engineer, Auckland Council

January 2017 – June 2019, Structural/Civil Designer – A & A Consulting Partners, Auckland, New Zealand

November 2016 – January 2017, Structural Technician – A & A Consulting Partners, Auckland, New Zealand

TECHNICAL SKILLS

- Experience of design in steel and concrete structures
- Experience of design of light timber frame buildings
- Experience of structural analysis using Microstran, Multiframe, SAP2000
- Experience in civil design of brownfield subdivisions

PROJECT EXPERIENCE

RESIDENTIAL PROJECTS

Pigeon Mountain Road, Halfmoon bay, Auckland, 2017-2018

Large three storey high end residential building. Predominantly steel frame and GIB braced timber frame structures, with rib raft floor slabs and retaining walls. Structural engineering design and construction monitoring.

Three Storey Apartments, Otahuhu, Auckland, 2018

Three storey apartments with non-similar floor plans. Predominantly timber framing to upper floors, with concrete slab and walls to ground floor. Waffle foundation slabs. Structural engineering design and construction monitoring.

INDUSTRIAL PROJECTS

Visy Board factory extension, Wiri, Auckland, 2017-2018

Extension to existing factory building. Predominantly steel portal frame and waffle slab foundation. David was engaged in the structural design and construction monitoring.

