



NATHAN RAWIRI

MECHANICAL & AEROSPACE ENGINEER

CONTACT

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📍 Brisbane and Wellington

🌐 <https://rawnatural.github.io>

EDUCATION

2021-2025

UNIVERSITY OF QUEENSLAND

- BE(Hons) Mechanical and Aerospace Engineering
- GPA 5.6

2019-2020

UNIVERSITY OF OTAGO

- Undergraduate Computer Science & Economics

SKILLS

- Manufacturing - Lathe/Mill/PB
- CAD Design
- FEA/CFD
- Project Management
- Teamwork
- Problem Solving / MENSA IQ
- Half-Ironman Finisher
- NZSIA Snowboard Instructor

MORE WORK EXP

- UQ Innovate - Supervisor
- Fishbowl - Salad Maker
- O'Brian Group - Stadium Staff
- Uber Eats - Delivery Biker
- Fulton Hogan - Road Repairs
- Domino's - Delivery Driver

PROFILE

Driven and passionate engineer with industry experience managing railway signalling project with Siemens. Multiple years experience in rocket development for UQ Space. Graduating end of 2025 with Mechanical and Aerospace engineering degree. Writing thesis on novel electromagnetic propulsion system. Excellent manufacturer and CAD designer. Confident leader. Friendly and positive. Maintains good relationships and healthy lifestyle. Great in team environment. Learns quickly and delivers work above expectations. Nathan is an excellent addition to the highest standard of engineering teams.

WORK EXPERIENCE

- **Siemens Mobility** 2023
Project Engineer
 - Manage Complex \$50m Railway Signalling Project
 - Lead and manage a high-performing engineering team, communicating effectively internally and externally.
 - Aligning bill of materials and procurement.
 - Manage close-out of post-commisioned project.
- **UQ Space** 2021- 2025
Aerostructures Engineer
 - Create and manage the marketing budget, ensuring efficient allocation of resources and optimizing ROI.
 - Oversee market research to identify emerging trends, customer needs, and competitor strategies.
 - Monitor brand consistency across marketing channels and materials.
- **Software Developer** 2019-Present
Self Employed
 - Full-Stack web dev - PHP, JS, HTML, CSS
 - Engineering Solutions - Python, C++
 - Blockchain dev - Solidity smart contracts - web3 integration
 - iOS app dev - Swift
 - <https://github.com/RawNatural>

REFERENCE

Mark Kilby

Siemens Head of Project, Systems and Specialty Engineering

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Oliver Pettingill

UQ Space Aerostructures Lead
Mercedes AMG Powertrain Engineer

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