

SARGUN SINGH

Entry Level Mechanical Engineering Roles



EXPERIENCE

Mechanical Engineering Intern

Tractor & Engine Spares

2020 - Ongoing Archerfield QLD, 4108

Tractor and Engine Spares is amongst the leading Farm and Agriculture machinery workshops in Brisbane, specialising in Diesel Engine Reconditioning & Rebuilds.

- Assembly of Inline-6 & Inline-8 Caterpillar, Cummins, John Deere and International branded Diesel Engines.
- Precision CNC Machining, Lathing and Milling.
- Precision Vertical Boring of cylinder(s). Valvetrain if applicable.
- Metal work and custom Fabrication.
- Cylinder Head Machining, Engine Reconditioning & Dyno Testing.
- Overhaul of ceased Industrial engines and gearboxes.
- Turbocharger & Engine rebuilds using quality replacement OEM & aftermarket parts to increase efficiency and performance by up to 30%.

Part-Time Work

Various Companies

2013 - Ongoing Brisbane QLD

7Eleven - Console Operator	Feb 2017 - Present	3 Years+
JB HI-FI - Retail Salesperson	Oct 2014 - Dec 2017	3 Years+
Domino's Pizza - Delivery Driver	Dec 2015 - Mar 2017	1 Year+

EDUCATION

Bachelor of Mechanical Engineering (Hons)

Queensland University of Technology

2016 - Ongoing Gardens Point, Brisbane QLD

- Completion in July 2020 with Second Class Honours - Division B

CERTIFICATES

Project Management : Project Planning

University of Tasmania UTAS, Australia

Certificate III in Logistics

Cornerstone HR, QLD Australia

SKILLS

Software

Solidworks AutoCAD Revit

Catia Ansys Workbench & APDL

MATLAB & Simulink Python C++

Microsoft Office Suite

Technical

Systems Design & Simulation

Project Estimation & Costing HAZOP

FMEA FEM DFM DFA CFD

CAD

Interpersonal

Analytical Approach

Effective Communication

Project Collaboration Problem Solving

Organised and Methodical

Diligent and Devoted

Adaptable and Reliable