

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+
Dominos 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