

EXPERIENCE

Mechanical Engineer

Mills Group

2018 - Present Brisbane, Australia

Mills Group is a large employee-owned, multidisciplinary professional services firm providing technical and strategic services.

- Reduced number of fasteners by 25% through component standardization.
- Completed 3 multinational projects resulting in commendation by client for exemplary work.
- Used 3D Printing technology on a daily basis as part of the prototyping process for products I designed.
- Finished installation Mechanical work in Waste water treatment Plant (140,000m³ /d) in HCM City.
- Created a 3 month plan to induct 12 new graduates into the business.

Trainee Mechanical Engineer

Harvey

2015 - 2018 Brisbane, Australia

In charge of the generation of electricity and the organization construct, own, operate, and maintain power generation stations.

- Utilized Excel to update Standard Work Sheets for 3 programs; TRENT 700, CF6-80 E1, & CF34-10E.
- 2 patents filed in the field of digital cutting and digital printing.
- Increased revenue with 30%.
- 3D Computer Aided Design, Drafted Standard Geometric Dimensions, Tolerancing

Junior mechanical engineer

Herman LLC

2011 - 2015 Brisbane, Australia

A production company focused on cutting, bending, and assembling metal parts.

- Created & updated 100+ illustrated planning's of all programs within Regional & Engines (RB211).
- Experienced with ASME VIII, B16.5, B31.3, TEMA 9th Edition, CAP 437 and NFPA 11 codes and standards.
- Designed flight and tooling parts for space antennas and UAVs, following the ASME Y14.5 2009 spec
- Individually formulated the design and erection of 3 stage rotor jet ejector system.

EDUCATION

Masters of Engineering in Automation and Manufacturing Systems

University of Sydney

2008 - 2010

Bachelor of Engineering Science

The University of Western Australia

2004 - 2008

INDUSTRY EXPERTISE

Communication



Problem Solving



Organizational Effectiveness



LANGUAGES

English Native



Germany Advanced



ACHIEVEMENTS



Six sigma project

Six sigma project completed with over \$1 Million savings per year



Leader of cross-functional teams

Lead team from Santa clara and New Hampshire plant for silicon MEMS packaging, transportation and build strategy

STRENGTHS



Self-Starter

Passionate about improvement and excellence. Take initiative to learn the new and understand the old.



Team-Driven

Driven by the team's pursuit of success and perform where needed; whether leading or following.