

James Schreiber

Process Improvement
Manager &
Production Engineer

Skills

James Schreiber

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South Yarra, VIC 3141

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Windows, Mac & Linux

Proficient in Mechanical CAD using Solidworks, PTC Creo & Inventor and Rhinoceros 5 w/ Grasshopper.

Small FEA projects using:

Ansys Workbench, Spaceclaim, MSC Mentat

Passable:

MATLAB, Python, C/C++, HTML/JavaScript/CSS, VBA, Assembler

Eagle, Circuitmaker

Tool chain for rapid prototyping and analysis of custom machines and paths.

Practical knowledge of Manufacturing Processes, including Mechanical & Electrical Assembly.

Certified IPC Specialists under IPC-620 C (Cable and Wire Harness Standard)

Experience

Trakka Systems/ Process Improvement Manager and Production Engineer

Feb 2019 - PRESENT, Melbourne

Planning for large-scale improvements to existing operational systems across the organisation. As well as the day-to-day responsibilities of production.

Trakka Systems / Process Engineer

Feb 2017 - Feb 2019, Melbourne

Production Management and Technician, Test Engineering, R&D and Service Technician. All experienced within a QMS compliant to current AS9100 standards .

Kevin Stahlmon / Apprentice

Aug 2014 - Dec 2016, Byron Bay

Carpentry, construction and renovations.

Starseed Gardens / Technical Officer

Feb 2013 - Dec 2016, Byron Bay

The maintenance of small agricultural machines, IT networks, electrical, plumbing, and various aspects of small-scale agricultural and construction projects.

Evergreen Gardening / Apprentice

Apr 2012 - Feb 2013, Melbourne

Casual work for a small Gardening and Landscaping Business.

Rainbow Serpent Festival / Catering Staff

Jan 2012 - Jan 2012, Melbourne

Prepping and kitchen duties, catering for 300+ people

Strike Entertainment / Venue Staff

Mar 2008 - Dec 2010, Melbourne

General staff at Strike on Chapel, included preparing and hosting events, serving food and drink, working behind the counter and an assortment of cleaning and organisation tasks.

Education

Bialik College / VCE

Feb 2010 - Nov 2011, Melbourne

My VCE is accredited to the following courses:

Physics, Mathematical Methods, Further Mathematics, Philosophy, English Literature and Religion & Society.

Griffith University / Bachelors of Mechanical Engineering

Mar 2013 - Jul 2017, Gold Coast

Standard Mechanical Engineering Courses, with elective subjects including; Sensors and Actuators, Microprocessor Techniques, and C Programming.

Achievements

Leading the implementation of a flagship product from prototype to standard production within aerospace standards.

Self-taught electronic hardware and software design and assembly theory and other cross-disciplinary technical skills.

The restoration of a Desktop CNC Milling Machine. Created custom CAM software specific to the machine. Successful Milling of Acrylic and 3mm Aluminum parts.

Various Home Automation Projects and IoT enabled devices, using \$3 Wi-Fi boards, and a self-written tool-chain for creating simple custom servers using Socket.io.