

STEPHEN HARDIMAN.

I am a qualified Aerospace Engineer (Honours) with diverse and well-rounded experience across a variety of disciplines. I have founded the start up X-Aero a company dedicated to advancing the personal aircraft industry, X- Aero has designed, manufactured and tested three VTOL aircraft capable of carrying a 90kg payload/person. The founding of X-aero has taught me how to be a leader of a team as well as being adept into the business side of engineering.

CONTACT

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WORK EXPERIENCE

2018 - CURRENT	Founder Of X-AERO PTY LTD (www.x-aero.com.au)
2019 - Current	<ul style="list-style-type: none">Full Scale Aircraft Completed (X-3) Designed and manufactured a fully composite airframe powered by a novel innovative control system. Capable of carrying a person or 90kg payload
2018 FEB - August	<ul style="list-style-type: none">Full Scale Prototype Aircraft Developed (X-2) Successfully designed, manufactured and tested a multi-copter aircraft capable of carrying a 50 kg payload.
2018 AUG - Jan	<ul style="list-style-type: none">First Scale Model Developed (X-1) Lightweight fibreglass duct was manufactured for design of flight control system
2018 FEB - AUG	<ul style="list-style-type: none">X- Aero was founded to be part of the Boeing gofly competition.

2018 - 2019	Nova Systems <u>Explosive Ordnance Intern</u> Working in the Explosive Ordnance Team (EO) to develop software which indexes the 18,000 EO documents which the team use to create explosive safety reports
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2017 - 2019	RMIT's Unmanned Aircraft Research Team <u>Team Leader</u> Lead a team to develop a 36 motor drone to be used for RMIT's marketing team
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EDUCATION

2015 - 2019	RMIT University Bachelor In Aerospace Engineering (Honours)
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2007 - 2014	Brighton Grammar School Secondary School
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ACHIEVEMENTS

2019	/ Obtained a remote pilots license (REPL) to be capable of piloting a drone up to 25kg.
2019	/ Sponsored by RMIT through the Jacques Nasser scholarship to travel to Canada and participate in Canada's biggest hackathon Hack The North. There with a team of four we were able to build a security drone which used machine vision and learning to identify persons of interest.
2018	/Participated and won RMIT's and Leaps IOT hackathon. Worked with a fantastic team to develop an Augmented Reality (AR) Principal component analysis (PCA) solution for Nova Systems.
2018	/ Volunteer for Laika Academy where we visited communities in rural Vietnam implementing drying solutions for farmers.
2015 - Present	/ Volunteer for the Robert Connor Dawes Fund

SKILLS

ABAQUS	<div><div></div></div>
CATIA	<div><div></div></div>
SolidWorks	<div><div></div></div>
ANSYS	<div><div></div></div>
MATLAB	<div><div></div></div>
Virtual Reality	<div><div></div></div>
Augmented Reality	<div><div></div></div>
CREO	<div><div></div></div>
Microsoft Office Suite	<div><div></div></div>
AutoCad	<div><div></div></div>
Mission Planner	<div><div></div></div>

KEY COMPETENCIES

/ Communication
/ Creativity

/ Entrepreneurial
/ Problem Solving

/ Team Work
/ Leadership

/ Resilience
/ Motivated