

Oliver Bilston

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Profile

Hardworking and enthusiastic Mechanical Engineering and Business Analytics student with excellent problem-solving skills and hands-on experience in technical projects. Great people skills, and a proven track record of working in fast paced retail and hospitality environments. Passionate about travel and engineering, with a global mindset and commitment to learning.

Education

Monash University <i>Bachelor of Mechanical Engineering (Honours) and Business Analytics</i>	<i>Jan 2022 – Current</i>
KU Leuven - Exchange Program <i>Bachelor of Mechanical Engineering (Honours) and Business Analytics</i>	<i>Feb 2025 – Jun 2025</i>

Experience

Propulsion Engineer <i>Monash Uncrewed Aerial Systems</i>	<i>Clayton, VIC</i> <i>Jan 2024 – Current</i>
<ul style="list-style-type: none">◦ Worked as project lead for a multifaceted team designing custom BLDC electric motors for competition.◦ Nurtured a juvenile team, promoting knowledge growth, performing high-level EMAG FEA simulations and optimisations to create motors that were 15% more efficient than OTS replacements whilst being reliable and light.◦ Worked with sponsors to arrange funding and knowledge transfer to aid our team.	
Medical Administrative Assistant <i>Skin Cancer Day Surgery</i>	<i>Ashwood, VIC</i> <i>Apr 2024 – Current</i>
<ul style="list-style-type: none">◦ Organised surgeries and consultations for elderly patients with dermatologists.◦ Coded medical procedures and created WI's to improve workplace efficiency	
Web Content Writer <i>Reach Communications Pty Ltd</i>	<i>Hawthorn, VIC</i> <i>Mar 2024 – Aug 2024</i>
<ul style="list-style-type: none">◦ Responsible for updating and maintaining multiple news sites across bespoke news bulletins, providing up to date news on a global platform.◦ Coded and uploaded new stories through Wordpress, maintained 12+ websites daily	
Extensive Extra Work History <i>Available on Request</i>	<i>Melbourne, VIC</i> <i>2018 – Current</i>

Skills

Languages: Matlab, Python, JavaScript, SQL, C++
Technologies: SolidWorks, Ansys, Creo, Simulink, Blender, Photoshop, Microsoft 365

Accreditation

Certificates:: Finite Element Analysis (FEA) and Computational Fluid Dynamics (CFD) (Leap Australia), ASSOCIATE - Mechanical Design (Dassault Systems), Light Fabrication, Composites, Low Voltage, Responsible Service Of Alcohol, Food Safety, Silver Service

Hobbies

Skiing, Traveling, Guitar