

Flynn Saunders

**Mechanical Engineering
(Honours) Student at
Monash University**

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About

Second-year Mechanical Engineering (Honours) student at Monash University with hands-on vehicle design experience and proven leadership directing a 315-resident society.

Previously a chassis and drivetrain engineer with Monash Human Power, helping to design recumbent trike for the Victorian HPV Series.

Education

2025 – 2028 (expected)

Monash University

Bachelor of Engineering (Honours), Mechanical Engineering. Coursework: Solid Mechanics, Engineering Design, Dynamics, Thermofluids, Modelling & Control, Advanced Engineering Mathematics.

2019 – 2024

Catherine McAuley College, Bendigo

Victorian Certificate of Education. ATAR: 93.40.
Subject Dux: Physics, Systems Engineering.

Skills

Technical

Fusion 360 and SolidWorks CAD, AutoCAD drafting, MATLAB and Python, ANSYS simulation, 3D printing, Arduino and embedded systems, technical design documentation.

Soft

Stakeholder negotiation, event planning and delivery, team leadership, public communication.

Awards

2025

ADF Year 12 Future Innovators Award

2022 – 2024

Kwong Lee Dow Young Scholar

University of Melbourne

2024

National Youth Science Forum

Year 12 Program, Accepted Attendee

Certified: RSA, First Aid, CPR & Basic Emergency Life Support.

Volunteering

Activities Advisory Committee Member — MSA, Sep 2026 – Present

Ballkid — Australian Open, Jul 2021 – Feb 2022

References

Available on request.

Work Experience

Mannix College Student Society

Sept 2025 – Sep 2026
Clayton, VIC

Vice President

Elected to lead a 14-person, six-portfolio committee delivering the events calendar for 315 resident Monash students on a ~\$75,000 annual budget. Met regularly with College administration to advocate for resident interests, and supported committee portfolio holders with event planning, workload and wellbeing. Administered the Society's constitutional elections for all 14 positions, achieving ~70% voter turnout. Oversaw a record ~600-guest Ball, returning ~\$10,000 net surplus to the charitable fund. Secured sponsorships including Red Bull Australia and negotiated a Memorandum of Understanding formalising the Society's operational autonomy. Ran an 87-person feedback survey (99% agreement that "MCSS-run events helped residents feel part of the community") and actioned results into event programming, budget allocation and reporting back to college administration.

Monash Human Power

Aug 2025 – Jul 2026
Clayton, VIC

Chassis & Drivetrain Engineer

One of 40 members in the chassis and drivetrain sub-team, part of a 120+ student program aiming to design Australia's fastest human-powered vehicle for the Victorian HPV Series. Benchmarked commercial mechanisms to design a quick-adjust bottom bracket and chain tensioner letting riders of different heights reposition the pedals in seconds; CAD-modelled (SolidWorks) a solution achieving 165mm of telescopic extension and authored the supporting research and design reports.

Bendigo Tech School

2021 – 2024
Bendigo, VIC

Ambassador & Technician

Project-managed the "Bendigo 2040" augmented-reality exhibit at the Bendigo Discovery Centre. Represented STEM students at industry and community events in Central Victoria.

St Kilda Football Club

2022
Melbourne, VIC (1-week placement)

Sports Analyst

Assisted the Head of Analytics and Strategy with match-strategy data collection and analysis.

Breeze Tennis Academy

Nov 2022 – Dec 2023
Bendigo, VIC

Tennis Coach

Coached players of diverse ages and experience levels to improve their tennis skills while encouraging their passion for the sport.

Hospitality, Multiple Venues

2021 – 2026
Bendigo, VIC

Front-of-House / Bartender

Service across fine-dining and casual venues: The Farmers Arms Hotel, The Woodhouse Bendigo (OpenTable Top 50 Restaurants, Australia), Favourite Flavours Gelateria & Cafe.