

Fraser Cowie - Curriculum Vitae

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Contact Details

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Educational Qualifications

University of Glasgow, Glasgow 2017 -	Aeronautical Engineering MEng [Graduating in 2022]
	Advanced Higher: 3 A's [Mathematics, Physics and Economics]
Robert Gordon's College, Aberdeen 2011 - 2017	Higher: 5 A's [Mathematics, Physics, Chemistry, English and Economics]
	National 5: 8 A's [Mathematics, Physics, Chemistry, Engineering Science, Graphic Communication, English, Economics and French]

Industry Experience

Formula Student

Have been a member of the University of Glasgow Formula Student Team (UGRacing) since September 2018. Was elected as Principal of the Junior Team by senior team members, and therefore responsible for the 15 strong team that presented a design-only entry at the Formula Student UK competition at Silverstone in July 2019. Promotion to Deputy Team Principal of the Class 1 team followed for UGRacing's 2020 entry, as well as playing an instrumental role in the creation of UGRacing's Aerodynamics sub-team and the delivery of the team's first ever aerodynamic package. Have experience with a variety of software packages, including Autodesk Fusion 360, Abaqus, Star CCM+ and Solidworks.

Location: NHV Helicopters, Dyce

Date: June 2019 / 2 weeks

Description: Undertook a two-week self-motivated assignment at NHV's Aberdeen base, where I spent 100 hours working alongside helicopter mechanics and licensed engineers, carrying out both base maintenance and line duties on the fleet of six H175 helicopters.

Location: Expro North Sea Ltd., Dyce

Date: June 2016 / 1 week

Description: Was a member of Expro's Mechanical Engineering Team, allowing an insight into a typical engineering office environment. Completed various Computer Aided Design activities and sat in on a range of engineering related meetings.

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Location: CHC Helicopter, Dyce

Date: July 2015 / 1 week

Description: Shadowed a Helicopter Engineer. Typical daily duties involved assisting in the turnaround of helicopters bound for North Sea offshore platforms and carrying out basic maintenance of Sikorsky S-92's and Super Pumas.

Location: ACE Winches Engineering, Turriff

Date: October 2014 / 1 week

Description: Spent a week with an engineering firm specialising in the production of winches. Worked with various teams, including in the drawing offices, engineering department and research and development department.

Employment

Employer: SecuriGroup Services Ltd.

Role: Events Steward

Duration: Nov. 2017 – Dec. 2019

Employer's Address: 349 Bath Street, Glasgow G2 4AA

Contact: 0844 808 0999

Employer: The Newburgh Inn

Role: Barman

Duration: May 2018 - Jan. 2019

Employer's Address: Main Street, Newburgh AB41 6BP

Contact: 01358 578 888

Employer: Trump International Golf Links Scotland

Role: Food and Beverage Server

Duration: Jun. 2016 - Aug. 2017

Employer's Address: TIGLS, Balmedie AB23 8EY

Contact: 01358 743 300

Achievements

At University Level

Awarded a place on the University of Glasgow Engineering Excellence List in 2018 and 2019, having achieved a Grade Point Average of 20.56 out of a possible 22.00 as of October 2019.

At School Level

School Captain	Selected to represent Robert Gordon's College as Head Boy in Sixth Year. This role required a variety of skills including: organisation, leadership, time-management and public speaking.
RAF Cadet	A member of the RAF Cadets for 5 years, achieving the rank of Cadet Flight Sergeant. With this role came significant responsibility and opportunity for self-development.
Duke of Edinburgh Award	Achieved the Silver Duke of Edinburgh Award
Music	Grade 7 Piano / Grade 6 Violin
Public Speaking	Won the North of Scotland Schools Public Speaking Competition 2017