

NATHANAEL JENKINS

EDUCATION

MEng Aeronautical Engineering Imperial College London	2020 - 2024
<ul style="list-style-type: none">● Demonstrated effective team working skills to successfully complete online laboratories and projects● Improved motivation and self-study skills by adapting to online study	
A-Levels (A*, A*, A*, A*) Peter Symonds College, Winchester	2018 - 2020
<ul style="list-style-type: none">● Produced a grade A* extended project investigating the feasibility of ion propulsion of spacecraft and aircraft● Networked with subject experts at RAeS, QinetiQ and Purdue University whilst conducting Extended Project research● Established time-management skills by maintaining a high standard of work whilst studying 4 A-Levels and an Extended Project	
10 GCSEs, grades 7-9/A* Robert Mays School, Odiham	2012 - 2018
<ul style="list-style-type: none">● Achieved grade 9 in seven subjects including Mathematics and Physics, and grade A* in Engineering	






EXPERIENCE

Aerodynamics & Simulations Engineer Imperial College London Rocketry, Altitude Record Team	10/2020 -
<ul style="list-style-type: none">● Led the aerodynamics sub-team, using advanced CFD and analytical methods to develop and test proposed rocket designs● Demonstrated self-motivation and interest, using several hours of online lectures to learn StarCCM+, including the use of 3D polyhedral meshing and compressible flow physics with real gas models in transonic and supersonic external flows● Engaged with members of other sub-teams to propose the development of an in-house simulation program using MATLAB Simulink	
Duty Manager The Food Warehouse, Basingstoke	03/2020 - 01/2021
<ul style="list-style-type: none">● Promoted from general assistant to duty manager within 5 months● Confidently managed busy store periods, with total responsibility for store operations, safety and security	
General Assistant The Mill House, Odiham	10/2018 - 02/2020
Work Experience Placements NATS Southampton, AECOM Basingstoke, Miller Hare London	07/2017 - 08/2018
<ul style="list-style-type: none">● Enhanced commercial awareness through experience in three engineering companies, each with unique goals and challenges	

ACHIEVEMENTS

IMechE James Clayton Undergraduate Scholar	2020 - 2024
Arkwright Engineering Scholar	2018 - 2020
<ul style="list-style-type: none">● Recognised as a future leader in engineering by the Southampton University Faculty of Engineering and Physical Sciences	
Formula 1 in Schools Alumnus and Judge	2017 -
<ul style="list-style-type: none">● Achieved 5th place at the 2017 World Finals in Kuala Lumpur, Malaysia, out of 51 global teams● Inspire the next generation of engineers by mentoring current teams● Committed to judging at Regional, National, and World Finals since 2019	

SOFTWARE

	SolidWorks
	StarCCM+
	Fusion360
	Python
	MATLAB

References available upon request