

# RAVYANSH YADAV

ravyansh.yadav\_yif20@ashoka.edu.in, 24 years  
9205283087



## EDUCATION

P.G.D (1 Year) in Young India Fellowship	Ashoka University		2020	3.36/4 CGPA
B.Tech (Hons.) in Aerospace Engineering	School of Mechanical, Aerospace & Civil Engineering	The University of Manchester	2017	75 %
CLASS XII	Pinegrove School	Central Board of Secondary Education	2013	95.8 %
<b>Subjects / Electives</b>	Project Finance, Energy Policy in India, Understanding Indian Economic Policy, Legal Issues, Data Acquisition & Experimental Methods, Operations Management, Project Management, Indian Society, Social Democracy and Justice			
<b>Technical Proficiency</b>	MATLAB, QGIS, HTML + CSS, Photoshop, MS Office Suite, Stata, Tableau, Premiere Pro, Python, LabVIEW			

## WORK EXPERIENCE

<b>UNIVERSITY OF MANCHESTER   <i>Student Team Member</i></b>	<b>Apr 2016 - Jul 2017</b>
<ul style="list-style-type: none"><li>Led and participated in library projects across the university</li><li>Assisted the library staff with organising and running workshops and drop-in sessions</li></ul>	
<b>MANCHESTER UNITED FOOTBALL CLUB   <i>Match-day Steward</i></b>	<b>Mar 2015 - Jul 2016</b>
<ul style="list-style-type: none"><li>Worked on match-day events as security staff</li><li>Crowd management</li></ul>	
<b>ROYAL NAVY   <i>Officer Cadet</i></b>	<b>Apr 2014 - Jul 2016</b>
<ul style="list-style-type: none"><li>Deployed on HMS Biter, an Archer class RN ship</li><li>Leadership Training through Practical Leadership Tasks</li><li>Received training at BRNC, Dartmouth</li></ul>	

## INTERNSHIPS EXPERIENCE

<b>UNIVERSITY OF MANCHESTER   <i>Aerospace Research Intern</i></b>	<b>Jun 2015 - Sep 2015</b>
<ul style="list-style-type: none"><li>Designed, built and tested a motor-propeller apparatus</li><li>Analysed and validated experiment data</li></ul>	

## PROJECTS

<b>The Indian Ocean Tracker - Carnegie India - Maritime Security</b>	<b>Aug 2019 - Present</b>
As part of the ELM at YIF, this project with Carnegie India involved developing an interactive dashboard for maritime security in the Indian Ocean Region, with special focus on Piracy, terrorism and fishing activity.	
<b>Manchester CanSat Project - Aerospace Engineering</b>	<b>Sep 2016 - Jul 2017</b>
A design, build and launch project for sub-orbital satellite as part of the CanSat Competition, organised by NASA and AAS in Texas.	
<b>Integrators - Social Entrepreneurship</b>	<b>Sep 2016 - Jun 2017</b>
A social entrepreneurship project involving the reintegration of ex-offenders into society through training and improving access to credit and contacts.	

## POSITIONS HELD

<b>Innovation Team Leader   <i>ENACTUS Manchester</i></b>	<b>Sep 2016 - Jul 2017</b>
<ul style="list-style-type: none"><li>Development of new projects – from idea to implementation</li><li>Project development along the social entrepreneurship model;</li></ul>	
<b>Project Manager   <i>Manchester CanSat Project</i></b>	<b>Sep 2016 - Jul 2017</b>
<ul style="list-style-type: none"><li>Responsible for managing the project and society – ranked 6th worldwide</li><li>Managed 70+ project members; organised and prepared workshops</li><li>Assisted with mechanical design, power and communication systems.</li></ul>	
<b>President   <i>The Aerospace Society - AeroSoc</i></b>	<b>Sep 2015 - Jul 2016</b>
<ul style="list-style-type: none"><li>Acquired business sponsorships; in-charge of organising, liaising with and maintaining industry contacts</li><li>Managed society finances; finance procurement;</li></ul>	

## EXTRA CURRICULAR ACTIVITIES

GARDENING	Recreational & kitchen gardening; Houseplants
RUNNING	Training for a marathon

## LANGUAGES KNOWN

Japanese, Hindi, Punjabi, English, German