

PROFESSIONAL EXPERIENCE	<b>Willings Inc</b>	Tokyo, JP
	<b>Web Development Intern</b> • Willings is a start-up that hires freelancers and interns for Japanese companies. • Contributed to the development of an interactive and comprehensive portal for the same purpose.	05/2020 – 06/2020
	<b>IIT Roorkee</b>	Roorkee, Uttarakhand, IN
	<b>Undergraduate Teaching Assistant</b> • Worked as a teaching assistant for a course 'Programming in C++ and numerical methods' taught under Prof Amit Agarwal. • Helped a group of 20 students to develop fundamental skills of C++, write good code and learn basic numerical methods in addition to fulfilling other responsibilities.	12/2020 – 02/2021
EDUCATION	<b>Indian Institute of Technology Roorkee</b>	Roorkee, U.K., IN
	Bachelors in Technology in Civil Engineering (CGPA : 7.437)	07/2017 – 05/2021
	<b>Taleem ul Islam Ahmadiyya Institute Nasirabad(JKBOSE)</b> XIIth (86.2%)	Kulgam, J & K, IN 12/2015 – 11/2016
	<b>M.E.M.S Secondary School, Ashmuji (JKBOSE)</b> Xth (9.6/10)	Kulgam, J & K, IN 12/2013 – 11/2014
INTERESTS	Data analysis, Algorithmic Programming, Blog Writing	
SKILLS	<b>Programming:</b> C/C++, DSA, OOPS, Python, DBMS, SQL, JS(ES6), ReactJS, HTML, CSS <b>Tools:</b> Git, Anaconda, VS Code, Jupyter, Excel, Arc-GIS, ERDAS Imagine, Linux, CMD  <b>Additional Courses:</b> Linear Algebra for Machine Learning, Neural Networks and Deep Learning, Data Structures and Algorithms, Probability and Statistics, Machine Learning	
RELEVANT PROJECTS	<b>Traffic Sign Detection using Deep Learning</b>	IIT Roorkee
	• Worked on transfer learning with Faster-RCNN Inception model, pre-trained on COCO dataset • Used TensorFlow Object Detection API repository to implement transfer learning. • Created a data preparation pipeline to convert the training data into TFRecord file format before training	
	<b>Detecting Ships from Satellite Imagery</b>	Coursera
	• Applied Python libraries to import, pre-process and visualize images. Performed data augmentation to improve model generalization capability. • Built a deep learning model based on Convolutional Neural Network using Keras with TensorFlow 2.0 as a backend.	
AWARDS	• Secured rank of 4145 (Common Rank List) in JEE Advanced 2017 • Secured rank of 4649 (Common Rank List) in JEE Mains 2017	
EXTRA CURRICULARS	<b>Editorial Head, NSS IIT Roorkee</b> <b>Senior Manager(Editorial), CEC, IIT Roorkee</b> <b>Web Developer, Sangram-2019 IIT Roorkee</b> <b>Executive, Student Club IITR</b>	