

Shreyas BAPAT

PERSONAL DATA

PLACE AND DATE OF BIRTH: Gwalior, India | 09 April 1999
ADDRESS: 101,G3,Suvalsar Hostel, South Campus, IIT Mandi, Mandi, India-175005
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WORK EXPERIENCE

Current | Teaching Assistant in IC250-Programming and Data Structure Practicum
FEB 2018 | *Indian Institute of Technology , Mandi*

POSITIONS OF RESPONSIBILITIES

Current | Co-ordinator at SPACE TECHNOLOGY AND ASTRONOMY CELL IIT Mandi
JULY 2017 | *Science and Technology Council(SnTC), Student Gymkhana*

Current | Core Team Member at ROBOTRONICS CLUB IIT Mandi
JULY 2017 | *Science and Technology Council(SnTC), Student Gymkhana*

Apr 2017 | Event Co-ordinator at EXODIA 2K17 IIT Mandi
FEB 2017 | *Strip-Mics*

EDUCATION

Current | Bachelor of Technology, **Indian Institute of Technology Mandi**, India
AUGUST 2016 | Major: Electrical Engineering

JULY 2016 | Senior School Certificate Exam , **Central Board of Secondary Education**, New Delhi
PERCENTAGE: 93.4

JULY 2014 | Secondary School Certificate Examination, **Central Board of Secondary Education**, New Delhi
CGPA: 10/10

PUBLICATIONS

- Aggarwal, V., **Bapat, S.**, Kadela, N., Kumar, P., Matta, R., Yadav, N. (June 2017) "Projecthiko 1.0 - The Voice and Internet Enabled Smart Home" IJETS ISSN: 2394-3386.

PROJECTS

DEC. 2016	Distributed Electrical Generation (Under the guidance of Dr. Ramesh Oruganti , Emeritus Professor, IIT Mandi)
JAN. 2017	BAIKART®: (AN ONLINE PLATFORM) Hiring Servants and related issues.
JUNE 2017	Projecthiko 1.0 - The Voice and Internet Enabled Smart Home: (IOT AND VOICE RECOGNITION)
JULY 2017	Night Sky Object Randomizer
NOV 2017	Exoplanet Detection(Classification of stars and exoplanets and not using Machine Learning
DEC 2017	Orbital Simulator(Simulating the orbits of various asteroids and making a program to compute the collisions
JAN 2018	Fabric Detection - Classification and Matching (Detection and Classification of Fabrics by Deep Learning)
JAN 2018	Alt-Az Generator (Live alt-az generator for any object in sky for automating a telescope)
CURRENT	Detection of Egocentric Video and Non-Egocentric Video

COURSE WORK

IC150 - Computation for Engineers
IC250 - Programming and Data Structure Practicum
IC161 - Applied Electronics
CS202 - Data Structure and Algorithms
EE311 - Device Electronics for Integrated Circuits
IC260 - Signals and Systems

LANGUAGES

MARATHI: Mothertongue
ENGLISH: Fluent
HINDI: Fluent

COMPUTER SKILLS

Basic Knowledge: mysql, Java , JavaScript, Flask
Intermediate Knowledge: PHP, C, HTML, CSS, ~~TEX~~TEX, C++, Linux-Ubuntu, Python

INTERESTS AND ACTIVITIES

Deep Learning, Open-Source, Programming, Machine Learning, Software Development
Astronomy, Astrophysics, Sky-Gazing, Theory of Relativity, Astrodynamics
Football, Cricket, Travelling, Hiking

AWARDS

1. Aryabhat Astronomy Quiz - Rank - 5 | 2013
2. Aryabhat Astronomy Quiz - Rank - 2 | 2014
3. 5th Inter IIT Tech Meet | Eyes on the Sky | 4th Position for IIT Mandi | 2017
4. 1st Prize Technex, IIT BHU | Event - Exploring the Interstellar | 2017
5. Presented a Paper in International Conference ICETSMI in IETE, Delhi.
6. 6th Inter IIT Tech Meet | Orbital Simulator | 5th Position for IIT Mandi | 2018