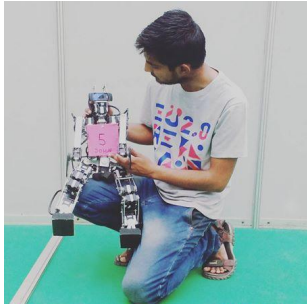# Anurag **Pandey**

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web & git
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github.com/eagleanurag

languages
Hindi (native),
English (proficient),
Sanskrit (intermediate)

——

programming
♥ Python, C, C++, Bash/Zsh
Scripting, Matlab

robotics
Motion Control, Perception,
Localization, ♥ Planning,
ROS, Flight Controllers

embedded technologies
♥ STM32, VHDL, Raspberry,
WaRP7, FPGAs, CPLDs,
Arduino, Buildroot

others
Linux, Git, LateX,
SystemC/TLM, Artificial
Intelligence, Computer Vision

brief

Studying in the Electrical Engineering Degree Course from Uttarakhand Technical University in India. I am highly interested in Robotics and Electronics and wish to grow a career in developing software for self-driving aerial or ground vehicles as well as making AI based Quadrupped and Humanoid Robots.

work experience

March '19 — **Team Sankalp Racers** — *Pithoragarh, India*
HOD Electrical and Suspensions
- Supervising and managing the complex Electrical System of an Automobile along with applying best Suspension system required.
- Development of a Whole Quad Bike as well as Testing it as per the provided problem statement.

dec '15-jul '17 — **Hindustan Engineers** — *Roorkee, India*
Project Engineer
- Development of a Projects required for final year submission in College/University for Under Graduates/Master's.
- C++ development of simulation models in Proteus Software in order to study Virtual Prototypes of Electrical/Electronics Projects.
- Testing of the Virtual Prototypes with Embedded Firmwares I developed for physical boards.

summer '17 — **A to Z Automobiles** — *Roorkee, India*
Automobile Intern
- Research and Development of Automobile and Software Works related to maintenance of a Vehicle.

education

expected 2021	**M Tech in Control and Robotics** Specialized in Embedded Real-Time Systems.	Unrevealed
2015–2021	**B Tech in Electrical Engineering** Electrical Power Systems and Electrical Machines.	NPSEI, Pithoragarh, India
2015–2018	**Diploma in Mechanical Engg(Automobile)** Specialized in Automobile Repair & Development.	KLP Roorkee, India
2014–2015	**PCM in InterMediate** Specialized in Physics and Maths.	LCRVVMIC Tanakpur(India)
2013	**Science Highschool** Science Stream, Programming Languages.	LCRVVMIC Tanakpur(India)

hobbies

From 2010 — **Building Robots**
Active participation to various Techinal Festivals conduted by prestigious IIT's in India (Techkriti, Congnizance, Exodia .

From 2016 — **FPV Drone Racing**
Active participation to Physical as well as virtual Drone racing competition organised by IDRL.

From 2015 — **Tutoring**
Tutoring on free time for Student and Learners across the Globe.