Abhijeet Bhattacharya

Contact Information

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Education

Bharati Vidyaapeeth's College of Engineering 2017-Present
B.Tech. in Electrical and Electronics

DLDAV Pitampura,
12^{th} C.B.S.E, 90% Jul. 2017

Experience

Research Summer Intern May 2019—August 2019
Swaayatt Robots, Bhopal
Project Intern March 2019—April 2019
Kausheleisen Company
Workshop Head 2 Feb 2019—3 Feb 2019
Innovicon, AI Conference
Winter Intern December 2018—Jan 2019
CSIR-CEERI (NewDelhi)
Technical Head 4 Oct. 2018
WieHack, Women Hackathon
Trainee May 2018—Aug 2018
Embedded Systems, IQB Solutions, Delhi

Positions of Responsibility

- R.A.U. Head (Robotics and Automation United Head) 2019 - Present
- Robotics Chapter Representative 2018 - April 2019
  - Conducted workshops in College to teach programming concepts on Arduino/Raspberry, Image Processing and Project Management to 100+ students.

Awards and Scholarships

- 2^{nd} in Drones Ideathon I.I.T. Roorkee 2019
- Winner in the East-India's Largest Hackathon HACK-A-BIT organised by BIT-MESRA(URL: LINK-CLICK HERE) 2018
- Top 20 in **eYantra - National Robotics Competition**, **IIT Bombay** 2018
- Ranked 320 in **IEEE XTreme Hackathon** 2018
- Winner in the Rajasthan Digifest Hackathon 5.0 organised by Rajasthan Government.Award Ceremony (2:37:00)(URL: LINK)(URL: LINK)(URL: LINK) 2017

Technical Projects

- **"Object Detection"** Using YOLO, Mask-RCNN. 2019
- **"Optical flow"** Using Lucas Kanade method. 2019
- **"Depth Mapping"** Using pixel shift on two Cameras. 2019
- **"Semantic Segmentation"** for Indian Road data-sets 2019
- **"CRF"** for segmented images 2019
- **"CARLA"** For data-set collection for semantic segmentation 2019
- **"DEAF TO MUTE COMMUNICATION MODEL"** 2018
- **"Venom"** Snake-bot for disasters 2017
- **"Attendance"** Attendance based on bio-metric system 2018

Skills and Tools

Technologies : Micro-controllers processors, Deep Learning, Computer Vision
Languages : C/C++, Embedded C, Python, MAT-LAB, Open-CV, LaTeX