

Koustav Mallick

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EDUCATION

JADAVPUR UNIVERSITY

B.E. IN ELECTRONICS AND
TELE-COMMUNICATIONS
ENGINEERING

Expected May 2019 | Kolkata, India
CGPA: 8.08 (till date)

KATWA KASHIRAM DAS INSTITUTION

10TH AND 10+2 STANDARD
Grad. May 2015 | Kolkata, India
WBCHSE, 2015: 92.6% | 2nd Position in
School
WBBSE, 2013: 93.71% | 2nd Position in
School

AREA OF INTEREST

Computer Vision
Deep Learning
Artificial Intelligence
Robotics

LINKS

PROFESSIONAL

Gmail: akostuv@gmail.com

Github: [akostuv](#)

LinkedIn: [akostuv](#)

PERSONAL

Twitter: [@akostuv](#)

Facebook: [Koustav Mallick](#)

SKILLS

PROGRAMMING

Over 5000 lines:
C • C++ • Python
Familiar:
HTML5 • CSS • JavaScript
MATLAB • VHDL • Arduino • \LaTeX

OTHER PROJECTS

HUMANTRAILS

Live tracking of objects in OpenCV

QUADCOPTER

Disaster Control System

COMPETITIVE CODING

Hackerrank, CodeChef, ProjectEuler+

INTERN

MARTIAN NETWORKS | WEB DEVELOPEMENT

May 2018-Jul 2018 | Kolkata

Developed a **Django-framework** based platform capable of real-time refreshing of feed, along with login-registration setup.

MEDHOF PLUS | COMPUTER VISION

Dec 2017-Jan 2018 | Kolkata

Developed a **Image-recognition system** capable of deducing the amount of calories from a 360-view image of a food by **Monocular Depth Estimation**.

RESEARCH

DEEP LEARNING IMAGE FORGERY DETECTION | UNDERGRADUATE RESEARCHER

Jun 2018-Present | Jadavpur University, Kolkata

Developing a **Deep Learning** based **Image Forgery Detection System** at the Jadavpur University Digital Image Processing Laboratory with

[Prof. Jaydeb Bhaumick](#).

AUTONOMY | UNDERGRADUATE RESEARCHER

Dec 2016-Jan 2017 | Jadavpur University, Kolkata

Built a **Robot** capable of path-planning, autonomous travel, etc with the help of **Image Processing** in **MATLAB** with the help of various online courses.

LANDROVER | ROBOTICS

Jan 2016 | Jadavpur University, Kolkata

Built a Manually Controlled **Robot** capable of **traversing and mapping** obstructions and locations of obstacle in path in the **Azimuth Plane**.

ACHIEVEMENTS

2018 Event Convenor
2018 WebPage Designer
2017 Joint Treasurer

2017 Event Co-Ordinator, Death Race
2017 Convenor
2016 Mentor

2016 Team Member, 4th Prize in XLR8

Srijan 2018, Techno-Management Fest, JU
Srijan 2018, Techno-Management Fest, JU
Sanjog 2017, Reunion Program
Dept. of ETCE, JU

Srijan 2017, Techno-Management Fest, JU
TechknowCradle 2017
Imagineer 2.0 (Workshop in Image Processing by JU Science Club)
Jontro-Tontro 2016
(Robotics Competition Organised by JU Science Club)

AWARDS

2015 Top Score (Mathematics) in school
2015 3rd position in school
2013 3rd/200 in school

10+2 Examination (Higher Secondary)
10+2 Examination (Higher Secondary)
10th Standard Examination (Madhyamik)