

Satyam Mittal

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EDUCATION

JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY
B.TECH IN COMPUTER SCIENCE AND ENGINEERING
CGPA 9.3/10 (UPTO 6TH SEM)
2017-2021 | Noida, India

ST. MARY'S ACADEMY
12TH ISC BOARD: 96.6%
10TH ICSE BOARD: 97.4%
Grad. 2017 | Meerut, Uttar Pradesh

SOFT SKILLS

- Communication Skills
- Learning Potential
- Team Work
- Creative Thinking
- Adaptability

COURSEWORK

UNDERGRADUATE

- Information Retrieval
- Software Engineering
- Project Management
- Data Mining
- Database Systems and Web
- Data Structures
- Algorithms and Problem Solving
- Numerical Methods
- Operation Research
- Operating Systems
- Computer Networks

OTHER

- Machine Learning
- Deep Learning
- Natural Language Processing
- Frameworks: Keras, Tensorflow
- Programming: C++, Java, C
- HTML, CSS, Bootstrap
- Javascript, PHP(basic)
- MySql

LANGUAGES

ENGLISH

Full Professional Proficiency

HINDI

Native or Bilingual Proficiency

EXPERIENCE

GOOGLE DEVELOPER GROUP | TECHNICAL COORDINATOR

Jan 2019 - Present | IIIT, Noida

• Taught in Workshops and Sessions on various topics like Machine Learning, Natural Language Processing, Deep Learning. • Successfully organized events like ExploreML and Google Cloud Month.

INTERNITY FOUNDATION | WEB DEVELOPMENT INTERN

Dec 2018 - Jan 2019 | Noida, India

• Achieved the best intern award for the Winter Internship. • Worked on a live project of an event website.

STUDENT WELFARE SOCIETY | REPRESENTATIVE

Nov 2017 - Mar 2019 | IIIT, Noida

• Representative from the three member chosen for the Organizing committee. • Contributed in successfully organizing CONVERGE 2k18 and CONVERGE 2k19.

RESEARCH PROJECTS

"IMAGE CORRECTION AND IDENTIFICATION OF ISHIHARA TEST IMAGES FOR COLOR-BLIND INDIVIDUAL"

Himani Bansal, Satyam Mittal, Lalit Bhagat, Ayush Tiwari

• Accepted at Second International Conference-IC4S-2020. To be published in Springer LNNS (SCOPUS and DBLP Indexed) • Minor- 2 Project | Awarded A+ Grade | Feb 2020 - May 2020 | Mentor: Dr. Himani Bansal • Developed mobile camera application for the same.

PROJECTS

MELANOMA DETECTION | AUG 2019 - DEC 2019

• A combination of Skin Surface Cell Analysis and Neoadjuvant Chemotherapy Analysis. • Implemented using deep learning models. • Combined it with hardware device and mobile application. • Includes Drug Dose Management and Pill Identifier.

CHEST RADIOLOGY | SEP 2019 - DEC 2019

Minor- 1 project | Awarded A+ Grade

• Detecting 5 chest diseases • Applied Transfer learning model- DensNet121. • Data set source - CheXpert (Stanford ML Group) • 87% accuracy achieved • Integrated the model in website using flask.

WORKSHOPS

- IIT DELHI Workshop on Machine Learning, Internet of things, Cyber Security.(Sept 2018)
- Completed Web Designing Course at RareTag.(May-June 2018)

ACHIEVEMENTS

- Achieved 2nd Rank in 2nd SRINIVASA RAMANUJAN MATHS OLYMPIAD, 2016.
- Grand Finalist (Top 5 teams) in INNOVACER HACKERCAMP 2019.
- Winner - SIH (internal hackathon), IIIT-Noida (2020).
- CHESS Competition Organizing Committee Member at CONVERGE'19.