

SHIVAM MISHRA

THIRD YEAR ENGINEERING, DEPARTMENT OF
INFORMATION TECHNOLOGY AT DON BOSCO INSTITUTE OF
TECHNOLOGY

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OBJECTIVE

Machine learning enthusiast looking forward to work in the field of Computer Vision and Autonomous Vehicles

SKILLS

Excellent communication and public speaking skills developed through various Speeches, Debates and MUNs over the years; My technical expertise lie in programming and graphic designing; Have worked on various projects in Python and PHP.

HOBBIES

Reading books, articles, short stories.
Writing about anything that provokes me.
Debating.

EXPERIENCE

TECHNICAL SECRETARY • DBIT • ACADEMIC YEAR 2016-17

The Technical Secretary is a Student Council position responsible for all technical activities and events in DBIT, The Technical Secretary is the head of 'Colosseum', Annual Intercollege Technical Festival, and leads the team for 'Innovex', Annual Project Exhibition

NSS HEAD • DBIT • ACADEMIC YEAR 2016-17

NSS Head is responsible for maintain all NSS student activities throughout the year, activities include Rallies, Education Drives, Blood Donation Drive, Maintenance of Mumbai University NSS Website and Socio-Technical Projects at Adkhadak, Jawhar, Maharashtra

EDUCATION

3RD YEAR BACHELOR OF ENGINEERING IN INFORMATION TECHNOLOGY • 2018 • DON BOSCO INSTITUTE OF TECHNOLOGY

Average CGPA: 7.652 (Semester 1 to 5)

HSC • MAY 2014 • RAMNIRANJAN JHUNJHUNWALA COLLEGE OF ARTS SCIENCE AND COMMERCE, GHATKOPAR

Percentage Scored: 80% (PCMB + English + IT)

SSC • MARCH 2012 • KALINA EDUCATION SOCIETY HANS BHUGRA HIGH SCHOOL

Percentage Scored: 85.09%



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ACADEMIC AND PERSONAL PROJECTS

“SIMULATION OF AUTONOMOUS VEHICLES USING DEEP LEARNING TECHNIQUES”

Aimed at simulation of autonomous steering, lane changing and object recognition | Final Year Project | Technologies plan to use include TensorFlow, OpenCV, Raspberry Pi.

“AN EULER A WEEK”

Solving one problem at projecteuler.net every week, Project Euler has an archive mathematical problems that can only be solved by devising an algorithm and implementing it in any programming language. Solution Repository: <https://github.com/scmmishra/Euler>

“DEVELOPING TECHNOLOGICAL SOLUTIONS FOR RURAL WATER MANAGEMENT USING DESIGN THINKING”

Aims at solving water related issues in rural Maharashtra, Adkhadak in the Jawhar district being the pilot village. **Goals Achieved:** Prototype of ‘Wheeler Pro’ water trolley built and tested solving water transportation issues. **Next Step:** Performing Resistivity test of the ground to map the water table, aimed at targeting water availability.

“COBALT CLASSERP”

ERP like system for small scale coaching classes, built in PHP. Features like notes management and attendance management already implemented and tested. Planning to port the entire system in Python Flask.

“STUDENT ACADEMIC AND CO-CURRICULAR PROFILING SYSTEM”

[PROJECT STILL IN INCEPTION PHASE]

Aims to automate the process of keeping track of student activity throughout the 4 years of graduation, the system incorporates handling of registrations for workshops, awards, ranks or achievements for the same.

COMPETITIONS AND AWARDS

IDEA EXPRESS, INTERNATIONAL CONFERENCE ON TECHNOLOGIES FOR SUSTAINABLE DEVELOPMENT

4th – 6th February 2015

INTERCOLLEGIATE MATHS QUIZ

28th March 2015 | Semi Finalist

POSTER PRESENTATION COMPETITION

16th & 17th February 2016 | First Place

COLOSSEUM INTER-COLLEGIATE DEBATE

16th & 17th February 2016 | Semi Finalist



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TCS CODEVITA SEASON V

2nd March 2016 | Top 2000 Teams, Qualified for Round 2

SAMVAAD – ANNUAL PARLIAMENTARY DEBATE

5th March 2016

MUMBAI HACKATHON 2016, ERPNEXT AND DBIT

27th and 28th March 2016 | Project Undertaken: Student Attendance Using Facial Recognition.

SAMVAAD – ANNUAL PARLIAMENTARY DEBATE

3rd March 2017

RGIT MODEL UNITED NATIONS

17th and 18th March 2017 | Represented the Nation of Brunei at United Nations Security Council

MUMBAI HACKATHON 2016, ERPNEXT AND DBIT

25th and 26th March 2017 | Project Undertaken: Cobalt ClassERP.

VOLUNTEER EXPERIENCE

MEMBER AND FOUNDER, PHYSICS CLUB ‘PHYSICS APPLIED’

Academic Year 2014-15

NSS VOLUNTEER, ACTIVITY HEAD

Academic Year 2015-16

CSI DESIGN TEAM AND TECHNICAL TEAM MEMBER

Academic Year 2015-16

COLOSSEUM DESIGN TEAM AND ORGANISING COMMITTEE MEMBER

Academic Year 2015-16

SAMVAAD ORGANISING COMMITTEE MEMBER

Academic Year 2015-16

VOLUNTEER, CSI-IT 2020 CONFERENCE

21st and 22nd Jan 2016



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