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# **EDUCATION**

### **BITS PILANI**

BE IN COMPUTER SCIENCE
Expected June 2019 | Pilani, India

## DEEPIKA ENGLISH MEDIUM SCHOOL

INTERMEDIATE IN SCIENCE Grad. May 2015 Raurkela, India

# LINKS

Github://dasanjan1296 LinkedIn://dasanjan1296 YouTube://dasanjan1296 Twitter://@dasanjan1296 Quora://anjan-das-6

# **COURSEWORK**

### **UNDERGRADUATE**

Information Retrieval
Operating Systems
Artificial Intelligence
Functional Programming
Machine Learning
(Research Asst. & Teaching Asst)
Compilers and Cool
Cryptography
Data Structures and Algorithms
Design and Analysis of Algorithms
High Speed Object Detection Algorithms
Computer Architecture
Unix Tools and Scripting

## SKILLS

## **PROGRAMMING**

Over 5000 lines:

C • C++ • Java • Shell

JavaScript • Matlab • Python • Rails

MTFX • Git • Verilog HDL • AUTOCAD

Over 1000 lines:

HTML5 • CSS • Mathematica • R

Assembly • Octave • Racket

Familiar:

Android • MySQL • C#

## **EXPERIENCE**

# CSIR - CENTRAL ELECTRONICS ENGINEERING RESEARCH INSTITUTE | RESEARCH INTERN

Jan 2017 - Present | Pilani, India

• Currently working under Scientist Mr. Pramod Kumar Tanwar, CEERI Pilani, in the field of Machine Learning on High Speed Vision Algorithms.

### NORTH EASTERN SPACE APPLICATION CENTRE

Summer Research Intern

May 2017 – Jul 2017 | Shillong, India

• Developed a platform independent Auto-registration tool using GDAL, worked under Scientist Mr. Victor Saikhom and Scientist Mr. Siddhartha Bhuyan.

## **BITS PILANI** | PROJECT ASSISTANT

Jan 2017 - May 2017 | Pilani, India

• Worked under Dr. Kamlesh Tiwari, Assistant Professor, CSIS Dept., BITS Pilani, in the field of advanced object detection algorithms using Machine Learning.

## PROJECT AMAL, AIESEC FES | MARKET RESEARCH INTERN

Dec 2016 - Jan 2017 | Fes, Morocco

• Interned in a Moroccan based NGO, viz. Rotaract ENSA Fes, in the field of Marketing and helped improve their efficiency.

# RESEARCH

## **ICBEMCONF 2017** | Market Research

July 2017 | Moscow, Russia

• Invited for the ICBEMCONF-2017 held in Moscow to chair a session and presented a research paper on Company Valuation and Changing Paradigms.

### **APOGEE BITS PILANI** | TEAM LEADER

Nov 2016 - Mar 2017 | Pilani, India

• Winner of the APOGEE 2017 Project Presentation for making an Android Application which detects blood Cholesterol levels right at home.

# **AWARDS**

2017 2016 2014 2011	1 <sup>st</sup> /40 1 <sup>st</sup> /50 1 <sup>st</sup> /20 top 52/1021 National	APOGEE-BITS Pilani Microsoft Coding Competition, BITS Pilani Table Tennis Championship, BITS Pilani KVPY Fellowship Indian Mathematics Olympiad (IMO) Finalist
2010	National	Computer Society of India's National Programming Contest

## EXTRA-CURRICULUM

Table Tennis • Badminton • Football • Chess • Classical Guitar • Singing Numismatics • Rubik's Cube • Travelling • Hiking • Running • Biking Poetry • Sketching • Reading • Volunteering