

Aditya AS

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EDUCATION

BITS PILANI

B.E(HONS.) IN COMPUTER SCIENCE

Data Mining

Artificial Intelligence

Parallel Computing

Design and Analysis of Algorithms

EXTRA CURRICULARS

Project Lead, Nirmaan Organization

Member, CSA

Member, SFC

TEST SCORES

GRE • 328 (Q170 + V158 + AWA4.5)

TOEFL • 114 (Speaking 26)

Expected Grad. May 2017 | Pilani, Raj

VIJAYA RATNA COLLEGE

Maths • Physics • Chemistry

Grad. May 2013 | Hyderabad, India

ST. MARY'S HIGH SCHOOL

HEAD BOY, SCHOOL PARLIAMENT

NCC Cadet

Grad. May 2011 | Hyderabad, India

LINKS

Github:// [Aditya-AS](#)

LinkedIn:// [asaditya](#)

Twitter: // [AdityaAS](#)

Webpage: // [asaditya.com](#)

SKILLS

PROGRAMMING

Over 7000 lines in

Java • C • C++ • C#

Python • Matlab • LaTeX

Scheme • JavaScript • Assembly

LIBRARIES

OpenCV • OpenMPI • OpenMP

NLTK • Dropwizard • AngularJS

MySQL • Oracle 11g • MongoDB

ACHIEVEMENTS

High Distinction, ANCQ, RACI

Proficiency Prize

School Topper, 11th and 12th

JEE Adv AIR 4040

BITSAT 372 / 450

EXPERIENCE

BOOMERANG COMMERCE | SOFTWARE ENGINEERING INTERN

May 2016 – July 2016 | Bangalore, India

- Worked with the DevOps team
- Included automated management of AWS, JIRa and UNFUDDLE accounts of employees. Built the system from scratch.
- All code was reviewed, perfected, and pushed to production.

CSIR-CEERI | RESEARCH ASSISTANT

May 2015 – Dec 2015 | Pilani, India

- Worked on Activity Recognition with Dr. Raheja. Developed algorithms for identifying fall and imbalance

BITS PILANI | TEACHING ASSISTANT

Aug 2016 – Dec 2016 | Pilani, India

- Teaching Assistant for Data Mining (CS F415)
- Involved in conducting laboratory sessions, lab sheet and assignment questions preparation

BITS PILANI | TEACHING ASSISTANT

Aug 2016 – Dec 2106 | Pilani, India

- Teaching Assistant for Principles Of Programming Languages (CS F301)
- Involved in conducting tutorial sessions, assignment preparation and evaluation

RESEARCH

ADAPT LAB | UNDERGRAD RESEARCHER

Aug 2016 – Present | BITS Pilani, India

Working in the ADAPT Lab with Dr. Poonam Goyal on parallel clustering algorithms. The aim is to handle data in the billion scale. Also pursuing an Undergraduate Thesis in this topic.

MULTIMEDIA AND HCI LAB | UNDERGRAD RESEARCHER

Aug 2016 – Present | BITS Pilani, India

Developed a novel nature inspired optimization algorithm. Then used this algorithm for segmenting images of food items to classify food into rotten / not rotten classes. Used E-nose data in congruence with Vision data.

MACHINE VISION LAB | UNDERGRAD RESEARCHER

Mar 2015 – Dec 2015 | CEERI Pilani, India

Worked with Dr. Jagdish Lal Raheja, Sr. Principal Scientist in the Machine Vision Laboratory on developing algorithms for effective Activity Recognition Using IP Cameras. My project was part of a bigger module which used Sensors, Kinect and IP Cameras. Was incharge of the Camera module.

ACADEMIC PROJECTS

2016 Parallel Backtracking Framework

2015 Parallel File System Comparison

2015 Automated Question Answering System

2015 Compiler Construction

2016 Project Food Sense

2016 Parallel Clustering Algorithms