

Sravanth Reddy Bommana

PERSONAL DATA

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WORK EXPERIENCE

SUMMER 2015-2016(MAY - JULY), DEHRADUN	Summer Intern at BLUE WATER TRADE WINDS, <i>Software Engineering Intern</i> Worked on full stack development of a django application for weather route optimization and monitoring of ships.Used regression trees to estimate the optimal fuel usage from the data.
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PROJECTS

DECEMBER 2016	University Course Management <ol style="list-style-type: none">Developed an interactive university course management system website for students and professors, similar to Moodle, using Django framework.Created separate login interfaces for students and professors to ensure modularity.Implemented modules such as course registration, fee payment, assignment submission, email alerts, grade submission.
OCTOBER 2016	Face Recognition using PCA(Eigen Face Approach) <ol style="list-style-type: none">Developed a web-application that recognises Donald Trump and Hillary Clinton, using Django framework.Principal Component Analysis Method(Eigen Face Approach) is used to calculate the facial vectors.Implemented using OpenCV,NumPy,HAAR-Cascade Classifiers. https://github.com/sravanth1/Trump-or-Clinton
MAY-JULY 2016	Weather Routing Optimization <p>Designing a dynamic programming algorithm for weather route optimization with speed scheduling on a bounded grid in the ocean, and integration of the modules with the django application.</p>
MARCH 2016	Calculator Application <p>Done using kivy (Python for Android). https://github.com/sravanth1/Calculator-kivy</p>
NOVEMBER 2015	Simulated Annealing Method <p>Implemented this heuristic to determine the minimum and maximum of a function and solved 0-1 Knapsack using this.</p>

EDUCATION

2014-PRESENT	B.Tech in COMPUTER SCIENCE, IIT(ISM) , Dhanbad GPA: 8.31/10
2012-2014	Intermediate at Sri Chaitanya Junior College , Hyderabad PERCENTAGE: 97%
2000-2012	Schooling, Montessori High School , Kurnool Final Grade: 10/10 G.P.A

SKILLS

Programming Languages:	C, C++, PYTHON, JAVA
Web Technologies :	HTML, CSS, DJANGO FRAMEWORK
Work-Experience on-	LINUX, GIT, ubuntu, W TEX

LINKS

Github:	https://github.com/sravanth1
LinkedIn:	https://www.linkedin.com/in/sravanth-reddy-17a973a0

RELEVANT COURSES

Undergraduate

- Data Structures & Design and Analysis of Algorithms
- Operating Systems
- Computer Architecture

Online

- Artificial Intelligence (MIT-OCW)

AWARDS & ACHIEVEMENTS

- All India Rank 4060 in JEE Advanced, 2014 among 150,000 candidates.
- Secured international 25th rank in International Maths Olympiad conducted by the SOF, New Delhi.(2014)
- Secured international 23th rank in National cyber Olympiad conducted by the SOF, New Delhi.(2008)
- Won first prize in Algo Raffle conducted by CSE Dept. in Concetto (Technical Fest,ISM).

POSITIONS OF RESPONSIBILITIES

- Worked as Volunteer in Kartavya(NGO), for a period of one year during which I committed myself to the welfare of local slum children.
- Was responsible for successful organising of events in Penman Auditorium during Sri-Jan,2015.

INTERESTS AND ACTIVITIES

Mobile gaming, Technology, Open-Source, Programming
Automation of tasks ,Football