Srikanth Mudili | 14CO227

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Education

Program	Institution	%/CGPA	Year of completion
B.Tech in Computer Engineering	National Institute of Technology karnataka	**7.42**	2018
XIIth Std. (A.P State Board)	Sri Chaitanya Junior College	**97**	2014
Xth Std. (SSC)	Bhashyam Public School	**92**	2012

Scholastic Achievements

- My paper on **Maintenance of Attendance through Image Processing techniques** has been accepted as poster paper in International Conference on Contemporary Computing 2017.
- Secured **AIR 146** for B Arch in JEE Main B.Arch 2014
- Secured **AIR 3671** for B Tech in JEE Main 2014
- Secured **State Rank of 1120** in EAMCET (A.P Engineering Entrance) 2014 among 2,50,000 aspirants

Key Projects

Computer Graphics — **Feb − Apr 2017**
Maintenance of Attendance through Image Processing techniques — *NITK Surathkal*
Here we used image processing techniques like face detection using haar cascades and face recognition using our data set which was created using some rules based on classroom environment. By recognising every student we maintained his/her attendance. We also published a paper on our work in International Conference on Contemporary Computing 2017 and it had been accepted as a poster paper.

Seminar — **Feb − Apr 2017**
Phishing pages detection using URL Correlation — *NITK Surathkal*
By comparing the URL with some specific characteristic features that were generally observed in phishing pages and calculating the load factor. comparing the load factor with a threshold value and determine whether the given URL was a phishing URL or not.

Database Management System — **Sep - Nov 2016**
Travel Agency — *NITK Surathkal*
Developed a web application similar to any other travel agency's website that does database management and we added few features to it that we would like to have like trip suggestions, live status of rooms availability in a hotel and general features like room booking, vehicle rent in and around particular locality selected by a customer.

Centre of IT in Building Science — **May - June 2016**
Building Assessment Model — *IIIT Hyderabad*
Designed a website which estimates total energy saved per year and over lifetime by all the appliances used in a house, which is based on the information gathered about each one of them.

Software Engineering — **Jan - March 2016**
Automatic TimeTable Scheduler — *NITK Surathkal*
In this project we used an optimised version of **Genetic algorithm** to generate timetable automatically based on the input constraints like number of hours per week,name of the professor, course code, priority of professor.

Skills and Tools

- Languages - C, C++, Java, Python, PHP, HTML
- Operating Systems - Ubuntu, Windows

Course Work

1. Key Courses   **Aug 2014-April 2017**

Core and electives

- Data Structures and Algorithms
- Operating Systems
- Graph Theory
- Database management
- Design and Analysis of Algorithms
- Computer Networks
- Computer Graphics
- Compiler Design

2. Mathematics Courses   **Aug 2015-April 2017**

Electives

- Concrete Mathematics
- Probability
- Discrete Mathematics
- Linear Algebra

3. Labs   **Aug 2015-April 2017**

Core

- Software Engineering Lab
- Data Structures Lab
- Operating Systems Lab
- Database Management Lab

Extra - Curricular Activities

- Regular participant in inter college cricket tournaments.
- Abreast with trends in coding through contest sites such as Hackerrank, HackerEarth and CodeChef.

Objective

To secure a challenging job to explore my interests in computer Engineering, improve my skill set and contribute to the industry to my maximum.