PODUGU **ROHITH SURYA**

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GitHub Profile: https://github.com/RohithSurya

EDUCATION

Thanjavur, Tamilnadu   SASTRA Deemed to be University

- B.Tech Computer Science and Engineering, 2015-2019(Ongoing). CGPA: 7.98/10

Visakhapatnam, Andhra Pradesh Sri Chaitanya Junior College

- 12th Education, Percentage: 96.0

Technical Experience

My Works

- Solved the n-queens problem using Min Conflict Algorithm (Local Search Algorithm). This algorithm can be used for getting near solutions in less time.
- **Data Analysis on Udacity Data Set:** Used python for data analysis to find the characteristics of students who will pass the project by analyzing the data set.
- **Flappy ball game using p5js:** Created a game using p5js (javascript framework). Link: **https://editor.p5js.org/prsurya1020@gmail.com/sketches/SJ-y-Q6YQ**

Ongoing Projects

- **An Improved ID3 Algorithm for medical data classification:** A supervised learning algorithm for medical diagnosis of various health problems. We are going to use the following data sets: breast cancer, lung cancer, mammographic masses, statlog heart.
- **Blog app using django:** Django app where users register and post their comments upon their topic of interests.

Languages and Technologies

Programming Languages: C (Proficient), C++, Java (Proficient), Python, Javascript (Novice), HTML, CSS

Databases: Oracle10g

Software: Jupyter Notebook, IntelliJ, Pycharm Professional.

Version Control Systems: Git and GitHub.

Other Skills: Shell Programming, Django, Hadoop Map Reduce, Linux, Numpy, Pandas

Areas Of Interest

Database Management Systems, Data Structures

Strengths

- Hard Worker, Adaptive to work with emerging technologies

Hobbies

- Reading Books
- Creating Webpages
- Learning new frameworks

Workshops

- Attended a one day Scilab workshop conducted by SASTRA University.
- Attended a two day Entrepreneurship awareness drive organized by ED-CELL SASTRA Deemed to be University.

Online Courses

Udacity

- How to use Git and Github.
- Intro to Data Analysis
- Intro to Map Reduce

Extra-Curricular Activities

- Trekking of 28km from Munnar to Kodaikanal.
- Secured 1st in CV Raman Science Talent test which is conducted by my school in 10th class.