

PODUGU ROHITH SURYA

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EDUCATION

Thanjavur, Chennai

SASTRA University

- B.Tech Computer Science and Engineering, 2015-2019(Ongoing). CGPA: 7.98/10
- Undergraduate Course Work: Operating systems, Databases, Data Structures, Design and Analysis of Algorithms, Theory of Computation.

Technical Experience

Mini Projects

- 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.

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:** Simple 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

Operating Systems: Windows 10/XP/Vista/7, Ubuntu.

Software: Jupyter Notebook, IntelliJ, NetBeans, MS Word, MS PowerPoint, Pycharm Professional.

Version Control Systems: Git and GitHub.

Other Skills: Shell Programming, Django

Areas Of Interest

Database Management Systems, Data Structures

Strengths

- Hard Worker, Consistent, Focused

Hobbies

- Reading Books
- Creating Webpages

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

Khan Academy

- Intro to HTML/CSS: Making Webpages.
- HTML/JS: Making Web pages Interactive.

Udacity

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

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.
- Secured 2nd in PC Ray Science Talent test which is conducted by my school in 8th class.
- Our team secured 1st in Sanskrit sloka competition in 10th class.
- Participated in the School band for the annual day.

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