

# SHRAVAN MURALI

shravan97.github.io | shravanmurali@gmail.com

## EDUCATION

### NIT TRICHY

B.TECH IN MECHANICAL ENGG.

May 2014 - present | Trichy, TN

Expected graduation : May 2018

Current CGPA: 7.78

### M.E.S INDIAN SCHOOL

Grad. May 2014 | Doha, Qatar

10th grade : CGPA 10

12th grade : 93.8 %

## LINKS

Github:// [shravan97](#)

LinkedIn:// [shravan97](#)

Quora:// [shravan97](#)

Spoj:// [shravan97](#)

Codeforces:// [shravan97](#)

## COURSEWORK

### UNDERGRADUATE

C Programming

Applied Electrical & Electronics

Probability and Statistics

### INDEPENDENT

Algorithms : Design and Analysis

I & II, By Stanford University

Machine Learning, By Andrew Ng

(Stanford University)

Operating Systems and Systems

Programming (CS 162) , UC Berkeley

Computer Networking, Cisco

## SKILLS

### PROGRAMMING

Over 5000 lines:

C++ • C • Python

Over 1000 lines:

Javascript • HTML & CSS

Familiar:

Java • PHP

version control :

Git

Tools and Databases:

Docker • MySQL • Apache • Shell

Frameworks:

Flask • Django • Laravel • Bootstrap

Operating Systems:

Linux • OS X • Windows

## EXPERIENCE

### DELTA FORCE | SOFTWARE DEVELOPER

July 2015 – present | Tiruchirappalli, INDIA

- Active member of Delta Force, which is the premier coding club of NIT Trichy
- Made the new college website during August 2016
- Contributed to Festember (college's cultural fest) website's back end services and APIs . Last year, Festember had more than 200,000 hits on it's website
- Organized Pragyan CTF 2016 (Capture The Flag) in which there were more than 1500 participants from more than 100 countries

### CHAINSYS | SOFTWARE INTERN

June 2016 | Chennai, INDIA

- Worked on Salesforce platform, the world's No.1 CRM . This included the use of tools such as Salesforce Apex, Salesforce Object Query Language (SOQL) and Salesforce Object Search Language (SOSL)

## PROJECTS

### SAFR | SEPTEMBER 2016 - PRESENT

(WON INGENIUS HACKATHON)

An Android app that enables you to login to any domain by simply scanning a QR code instead of remembering your tedious credentials

### ORM-CREATOR | AUGUST 2016 - PRESENT

(550+ DOWNLOADS)

link : <https://github.com/shravan97/ORM-Creator>

A Python based command line application which automatically creates SQLAlchemy models for the given tables in MySQL database

### COMPETITIVE-DL | JULY 2016 - PRESENT

(360+ DOWNLOADS)

link : <https://github.com/shravan97/competitive-dl>

A Python based command line application to automatically download questions from various competitive programming websites like Codeforces and Spoj, as PDFs

### WORD HUNTER | MAY 2016 - PRESENT

(RESEARCH)

link : <https://github.com/shravan97/WordHunter>

A question generator for online treasure hunt competitions, built using Python. It generates questions based on a given topic of interest

### PRAGYAN CMS | OCTOBER - DECEMBER 2015

(1800+ DOWNLOADS)

link : <https://github.com/delta/pragyan>

Contributed a module called the publications module to an open source CMS built using PHP. The module enables faculties to create, edit and delete their publications

## OPEN SOURCE CONTRIBUTIONS

### DUCKDUCKGO

link : <https://github.com/duckduckgo/zeroclickinfo-fathead>

Implemented web scraping in Python to fetch the details of over 400 SQLAlchemy functions from the documentation

## ACHIEVEMENTS

2017

2nd Place

Shaastra Programming contest 2017, IIT Madras

2016

55 out of 1900+

Battle of Bots #7 by HackerEarth

2016

106/2900+ teams

ACM ICPC 2017 India Online round

2016

1st out of 250+ teams

Ingenius Hackathon, conducted by PESIT, Bangalore