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
Overall CGPA: 7.45
Computer Science CGPA: 8.84

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**
Blog:// **shravan97.blogspot.com**

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:
Java • Javascript •HTML & CSS
Familiar:
PHP
version control :
Git
Tools and Databases:
MySQL • Apache •Shell
Frameworks/Libraries:
TensorFlow • Flask • Django
Operating Systems:
Linux • OS X • Windows

EXPERIENCE

GOOGLE INC. | Software Intern
May 2017 – July 2017 | Hyderabad, INDIA
- Worked with the Data & Tools team in gTech (sales operation) to collect metrics in a pipeline written in FlumeJava for a configurable quality tool. This involved the use of many state-of-the-art Google technologies like Guice, Spanner and Protocol Buffers
- Wrote extensive unittests using JUnit4 and a comprehensive documentation for the metrics feature

DELTA FORCE | Software Engineer & Treasurer
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 its website
- Organized Pragyan CTF 2016 (Capture The Flag) in which there were more than 1500 participants from more than 100 countries

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

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 SQLAclehmy functions from the documentation

ACHIEVEMENTS

2017	2nd Place	Shaastra Algorithmic Coding 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