

SHRAVAN MURALI

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EDUCATION

NIT TRICHY

B.TECH IN MECHANICAL ENGG.
May 2014 - present | Trichy, TN
Expected graduation : May 2018
Overall CGPA: 7.49

M.E.S INDIAN SCHOOL

Grad. May 2014 | Doha, Qatar
12th grade : 93.8 %

LINKS

- Github:// [shravan97](#)
- LinkedIn:// [shravan97](#)
- SPOJ:// [shravan97](#)
- Blog:// [blog.shravanmurali.com](#)

COURSEWORK

UNDERGRADUATE

- C Programming
- Applied Electrical & Electronics
- Probability and Statistics
- Linear Algebra
- Fourier Transforms
- Numerical Methods
- Image Processing
- Pattern recognition

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
- CS231n Convolutional Neural Networks (Stanford university)

SKILLS

PROGRAMMING

Over 5000 lines:

C++ • Python

Over 1000 lines:

Java • Javascript • C • PHP

version control :

Git

Tools and Databases:

MySQL • Apache • Shell • Docker

Frameworks/Libraries:

TensorFlow • Keras • PyTorch

Flask • Django • Guice • JUnit4

EXPERIENCE

GOOGLE | WEB SOLUTIONS ENGINEER

August 2018 – Present | Hyderabad, INDIA

Working with the Tools, Development and Automation team in gTech

GOOGLE SUMMER OF CODE | CERN - HSF

May 2018 – August 2018

Worked with CERN organization to build a Python package that facilitates running distributed jobs using data frames in ROOT library, with a simple and clean programming model

GOOGLE | WEB SOLUTIONS ENGINEERING INTERN

May 2017 – July 2017 | Hyderabad, INDIA

Worked with the Data & Tools team in gTech (sales operation) to facilitate the efficient collection of 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

PROJECTS

SAFR | SEPTEMBER - DECEMBER 2016 (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

PRAGYAN CMS | OCTOBER - DECEMBER 2015 (1800+ DOWNLOADS)

link : [github.com/delta/pragyan](#)

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

OPEN SOURCE

OPENMINED | OCTOBER - NOVEMBER 2017

link : [https://github.com/openmined/](#)

Implemented unfold tensor operation for PySyft, the deep learning and homomorphic encryption library of Openmined. The unfold operation was implemented efficiently using Numpy. PySyft has more than 700 stars on Github

DUCKDUCKGO | OCTOBER 2016 - JANUARY 2017

link : [github.com/duckduckgo/zeroclickinfo-fathead](#)

Implemented web scraping in Python to fetch the details of over 400 SQLAclahmy 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