

GNANESH R

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PROJECTS

Dogs vs. Cats classifier

Python, PyTorch

Feb 2018 – Apr 2018

- Classifier that is able to distinguish dogs from cats.

YOLO based Image Retrieval

Deep Learning, YOLO

Aug 2017 – Nov 2017

- Image Retrieval system based on YOLO algorithm.

Twitter Riots

Scala, Node.js, Stanford NLP, Twitter

Aug 2017 – Nov 2017

- Predict riots on Twitter using HashTags.

Book Miner & Analyzer

Apache Spark, Scala, Node.js, MongoDB

July 2017 – Nov 2017

- Web crawler for book domain and Analysis of those books using Apache Spark.

Library Book Locator with book misplacement Detector

Python, Raspberry Pi, Node.js

Feb 2017 – Jun 2017

- Book detection using RFIDs.

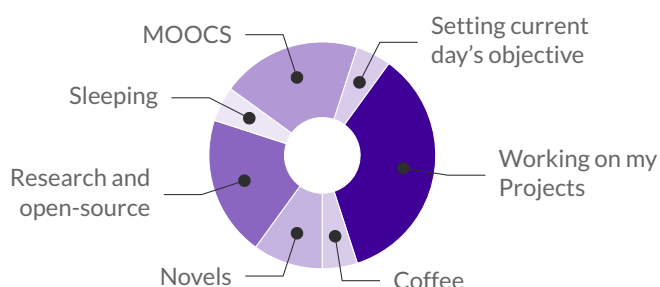
Socket Chat and Game Server

Node.js, Sockets, Cryptography

Feb 2017 – May 2017

- Chat and play games using sockets (Includes Elgamal Encryption)

A DAY OF MY LIFE



EDUCATION

B.Tech. in Computer Science

VIT University

2015 – 2019

CGPA: 7.99

H.SC. in Mathematics

Narayana Junior College

2013 – 2015

CGPA: 9.02

SSC

Camford English High School

2001 – 2013

CGPA: 9.50

CERTIFICATIONS

Mathematics for Machine Learning

Imperial College of London

2018

Coursera

Deep Learning

deeplearning.ai

2018

Coursera

Big Data

UNIVERSITY OF CALIFORNIA, SAN DIEGO

2017 - 2018

Coursera

EXPERIENCE

Summer Internship

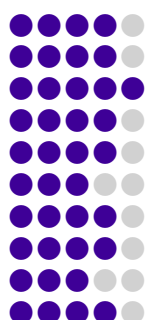
Micro Smartware Pvt Ltd

May 2018 – Jun 2018

- Web Development

SKILLS

C
C++
JavaScript
Scala
Python
PHP
SQL
Emacs
BitCoin
Git



STRENGTHS

Web Development Machine Learning Big Data Data Science
System Programming Functional Programming Deep Learning

Node.js React.js TypeScript React Native GraphQL
Bootstrap

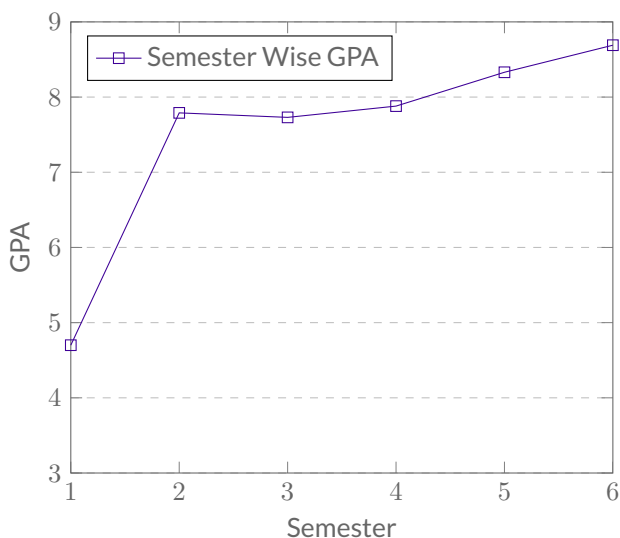
MongoDB MySQL Redis

Apache Spark PyTorch TensorFlow Apache Hadoop Pig
HBase Apache Flume Apache Sqoop

Arduino Raspberry Pi NodeMCU
Linux Git Docker Bitcoin Google Cloud

PERFORMANCE

My performance over the years



MORE PROJECTS

Checkout Logger

Node.js, Google Vision API

Feb 2017 – May 2017

- Saving your bills online and automatically indexing it using Vision API.

Piggy Bank

PHP, MSQL

Aug 2016 – Nov 2016

- CRUD App for Bank Management Systems using PHP and MYSQL.

Dict

C, GraphQL

Jun 2017 – July 2017

- A command Line Dictionary.

LIFE PHILOSOPHY

"The lower you fall, the higher you'll fly."

MOST PROUD OF



Reading Books

I consider books as a Basic Human need.



Programmer

My love for Computer Science and Mathematics are concrete.



Atheist

'Nuff Said!

COURSE WORKS

- Applications of Differential Equations
- Discrete Mathematics
- Applied Linear Algebra
- Object Oriented Programming
- Data Structures and Algorithms
- Compute Architecture and Organization
- Theory of Computation and Compiler Design
- Database Managements Systems
- Operating Systems
- Software Engineering
- Network Communications
- Parallel and Distributed Computing
- Internet of Things
- Image Processing
- Web Mining
- Artificial Intelligence
- Data Mining
- Cyber Security
- Machine Learning

MORE CERTIFICATIONS

Functional Programming using Scala

ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE

2017

Coursera

Machine Learning

Stanford University

2018

Coursera

Cryptography

Stanford University

2018

Coursera