Anchit Jain

Education	**Birla Institute of Technology and Science Pilani, India** 2012-2017 (Expected)

B.E.(Hons.) in Computer Science and M.Sc.(Hons.) in Economics
CGPA : 8.30/10.0

Experience   **Eckovation** — New Delhi, India   Software Engineering Intern —Summer 2015

Eckovation is a mobile based platform connecting teachers, parents and students based in New Delhi.

- Developed backend of a web application in PHP from scratch using CakePHP framework where user could signup, upload documents, sign documents after verification and also request other users to sign.
- Developed frontend in Twitter Bootstrap and deployed on AWS using EC2, SQS, S3 and SES
- For signature verification developed face verifier using OpenCV in Python which verifies image captured while signing the document to the image present in Legal ID card having accuracy of around 70%.

Academic Projects

Spam Email Classification   Sep 2015

- Developed spam mail classifier using Machine Learning algorithms in Python, classifying with an accuracy of around 96%.

Dummy Shell   Aug 2015

- Developed dummy shell in C using POSIX API supporting basic job control, program execution and signal handling.

Focused Crawler Search Engine   Mar 2015-Apr 2015

- Crawled about 700000 Wikipedia articles using Apache Nutch, indexed using Apache Solr and ranked search results using information retrieval algorithms
- Developed client side using PHP and also stored user queries in MongoDB database for query recommendation.

Personal Projects

Online Hosts Scanner   November 2015

- Developed clone of NMAP host discovery using Berkley Sockets API in C to scan online hosts present on subnet.

Offline Caption Generator   Sep 2014

- Developed caption generator using CMU Sphinx speech recognizer and FFMPEG for conversion between different formats.

Coursework   Information Retrieval ● Machine Learning ● Network Programming
Data Structures and Algorithms ● Object Oriented Programming ● Database Systems
Operating Systems ● Theory Of Computation.

Skills   Programming: C/C++ ● Python ● PHP ● Java ● Shell ● JavaScript ● Assembly(MASM)
Prolog ● Verilog
Technologies: git ● HTML ● CSS ● Latex ● SQL ● Linux ● Windows ● CakePHP
Databases: OracleSQL ● MongoDB ● MySQL

Links   Linkedin - anchitjain1234 , Github - anchitjain1234 , Personal Site - anchitjain.com