Anchit Jain

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

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 : 8.05/10.0

Experience

Spothis — Remote　　　　　　　　　Cloud Engineering Intern — May 2016-Ongoing
Spothis is an USA based startup working to identify different type of apparels from the uploaded image and suggest new apparels from them.
- Developed an automated distributed crawler from scratch on AWS infrastructure using EC2 instances to work as master and worker machines, S3 to store related data and RDS instance to store the cralwed data in MySQL database.
- This helps them in collecting data for training their Neural Network on many different types of images.
- This was developed in Python and Shell.

Eckovation — New Delhi, India　　　　　　　　　　　Intern — Summer 2015
Eckovation is a mobile based platform connecting teachers, parents, and students based in New Delhi.
- Developed backend of a new web application in PHP from scratch using CakePHP framework where a user could signup, upload documents, sign documents after verification and also, request other users to sign.
- Developed parts of front end in Twitter Bootstrap and deployed on AWS using EC2, SQS, S3 and SES

Projects

Compiler Construction　　　　　　　　　　　　Feb 2016 - Apr 2016
- Created a compiler for given language specifications, coded in C. It consisted of all the front end parts i.e. lexer and parser as well as backend parts i.e. AST, symbol table, type checker, and machine code generator.

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.

Skills

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

Links

Linkedin - anchitjain1234, Github - anchitjain1234, Personal Site - anchitja.in