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EDUCATION

MS, COMPUTER SCIENCE (Courant Institute of Mathematical Sciences, New York University) **3.82**

Course List: *Foundations of Machine Learning, Computational Machine Learning, Realtime & Big-data Analytics, Fundamental Algorithms, Operating Systems, Programming Languages, Financial Computing.*

B.TECH, INFORMATION TECHNOLOGY (Government College of Technology, Coimbatore.) 8.01

ACADEMIC PROJECTS

Grasp & Lift EEG Detection — Detect a person's hand action using EEG signal information.

Liver & Kidney cancer classifier — Identify the best biomarker for cancer between DNA Methylation and Protein Expression.

Music Recommendation System — Recommender built by using a song's low level features.

Events & Taxi ridership correlation — Find correlation between NYC Taxi ridership & Events.

Online Judge — OPC judge similar to codeforces.com, spoj.com. Used in Infoquest 2010. (C)

EMPLOYMENT

4 YEARS, 6 MONTHS

Freelance Software Developer Nov 2013 to Jan 2015

- Implemented the common sign-on page, branding workflows and modal framework for Vera.
- Built Urblotter (app.urblotter.com) a betting website for FIFA 2014. (*ROR, Angularjs, Sidekiq*).
- Built a scrapper and admin app for 'Today in History' iphone app. — <http://git.io/vZysq>

Consultant, Canvera Technologies Jan 2014 to Oct 2014

- Built an automated asset pipeline using Grunt that reduced the build and deploy time by 50
- Performance Optimizations — Load time: ~10 sec → 1 sec. Asset size: ~1.5Mb → ~600Kb.
- Setup the application architecture & development process. Mentored the development team.
- Built high performance responsive lightbox/slideshow with load more & thumbstrips (*Angularjs*).

Founding Member, F1circle.com Jan 2013 to Oct 2013

- Built **Information extraction engine**. It extracts name, place, & price info from user's posts.
- Setup & Built the complete application from scratch using AWS EC2, RDB, Memcached, Redis & ELB.

Software Engineer, Insideview Inc Oct 2011 to May 2013

- Built an award winning **Company recommendation engine** in Insideview Hackaton 2012.
- Improved the performance by 50% for Insideview connections feature. (*Java, J2EE*)
- Developed in-product notification framework using Drools framework & *Lucene indexes*.
- Built the Activitystream security framework using *AWS Simpledb* and custom eventbus.

Software Engineer, United Online Inc. Jul 2010 to Sep 2011

- Built a *RPC* framework for spam filtering. Automated day-to-day tasks using *Perl* scripts.