

Karan Chaudhari

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• Website krnch.me

EDUCATION

- New York University, Tandon School of Engineering, Brooklyn, New York May 2018
Masters in Computer Science GPA 3.57
- Pune Institute of Computer Technology, Pune, India July 2016
Bachelors in Computer Science GPA 3.52

WORK EXPERIENCE

- *Software Developer Intern, Project Economics, Brooklyn, NY* (Sept 2016 - Nov 2016)
 - Implemented and added features for existing client software written using the Java Spring Framework. Resolved existing bugs in the software
- *Tutor, Chegg.com* (Jan 2016 - Aug 2016)
 - Worked as a tutor for chegg.com teaching undergraduates the following subjects - Algorithms, Python programming, C++ programming and Machine learning concepts

PROJECTS

- *SmartNews* (Nov 2016 - Dec 2016)
 - Application for recommending live news built using News API, Newspaper Library and the New York Times Search API. Implemented using Flask and Amazon web services
- *Twitter Sentiment Analysis* (Sept 2016 - Nov 2016)
 - Performed Sentiment Analysis on tweets extracted from twitters real time feed
 - Built a scalable cloud application using Python flask and the Amazon Web Services components - elastic beanstalk, sqs and sns
- *Recommendation System, Pict* (Oct 2015 - Jan 2016)
 - Used the yelp Dataset to predict business ratings
 - Implemented Singular value decomposition (SVD) from scratch in python. Other algorithms implemented were Knn and Linear Regression. A hybrid system was developed based on the sparsity of data to improve efficiency. Used Python library Matplotlib for data Visualisation.
 - Wrote a paper titled "Predicting business Successfulness using Predictive data analytics" based on this project which is published in the IJCA journal
- Contributed to **Open Source** projects. You can view my work on my **Github page** - github.com/krnch

TECHNICAL SKILLS

- Programming Languages: C/C++, Java, Python, Lisp
- Web Development: Java Servlet Programming, HTML, Flask
- Database development: MySQL, MongoDB
- Other Tools and Packages: Python for Machine learning, Matplotlib, Scapy, Latex.

RELEVANT COURSES

- GRADUATE COURSES (ongoing)- Programming Languages, Cloud computing, Design and Analysis of Algorithms
- UNDERGRADUATE COURSES- Data mining, Problem Solving with gamification, Business analytics and Intelligence, Data Structures, Machine Learning, Software engineering

LEADERSHIP ACTIVITIES AND ACHEIVEMENTS

- Awarded Spike Fellowship at NYU
- Secured Second Rank at the National Standard Examination in Astronomy (NSEA) 2007 phase I exam
- IEEE Student Branch member. Involved in organizing programming competitions, technical workshops and project exhibitions in the college