

# Karan Chaudhari

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• Website [krnch.me](http://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

- **Research Assistant, NYU Stern School of Business, NY** (Mar 2017 - Present)
  - Working on a joint project between Professors from NYU and Rotterdam School of Management . Extracted and analyzed large datasets related to microfinancing industries.
- **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 - Present)
  - Working 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 using various methods as clustering , regression and Matrix Factorization.
  - 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](https://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 Frameworks: Python for Machine learning, Hadoop Streaming , Apache Spark , Matplotlib , Scapy, Latex.

## RELEVANT COURSES

- GRADUATE COURSES (ongoing)- Programming Languages, Cloud computing, Design and Analysis of Algorithms , Big Data Analytics , Computer Vision
- 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