

Karan Chaudhari

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• Website krnch.me

EDUCATION

- **New York University**, Masters in Computer Science **GPA 3.61** May 2018
- **Pune Institute of Computer Technology** Bachelors in Computer Science **GPA 3.52** July 2016

WORK EXPERIENCE

- **SDE Intern, Amazon Web Services,WA** (May 2017 - Aug 2017)
 - Worked on the AWS Codecommit Team. Developed three new API's for merging branches. Tools used :Java Spring, Mockito,Cucumber and JUnit.
- **Teaching Assistant, NYU ,Brooklyn,NY** (Aug 2017 - Present)
 - Teaching Assistant for the course - Fundamentals of Information Security and Management
- **Research Assistant, NYU Stern School of Business,NY** (Mar 2017 - May 2017)
 - Worked 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

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