Aman Aniket

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Education

2011–2016 **Bachelor and Master of Science**, *Indian Institute Of Technology*, Kharagpur, *8.09/10*.
Mathematics and Computing

- **Coursework** : Speech and Natural Language Processing, Social Computing, Cryptography, Compilers, Algorithms, Object Oriented Design, Database Management Systems, Computer Architecture, Operating Systems

Experience

Professional

Summers 2015 **Software Engineering Intern in Development**, *Intuit Inc.*, Bangalore.
Worked on the service decoupling project in a micro-services architecture using dependency injection of common infrastructural resources in a facade layer.
- Worked on the implementation of a dynamic configuration management service for configuration meta-data.
- Developed an algorithm to recursively calculate the flow of resources across dependencies for injection.
- Offered a permanent position as a Software Engineer in Development at the end of the internship.
- Technologies used : Java Spring MVC, Spring Boot, Gradle

2013–2014 **Backend Developer Intern**, *Qbeeko Pvt. Ltd.*, Bangalore.
- Worked on end-to-end development of the analytical dashboard for businesses
- Developed a recommendation engine for the portal having a combination of collaborative, content-based and social filters using Machine Learning algorithms.
- Worked on the back-end development of a vertical search engine
- Technologies used : Python, Django, NLTK, d3.js

Projects

July 2015-Ongoing **Citation-context based summarization of academic papers**, *Master's Thesis Project*.
Working on the summarization of academic papers in the biomedical domain and conducting a time-line study of specific medical conditions. Technologies : Perl, Python, numpy, scikit-learn, CLAIR

Fall 2015 **Characterization and analysis of Micro-blogs in Disasters**, *SNLP Term Project*.
Working on the implementation of a SVM based classifier to mark political, charity and communal tweets. Conducted a detailed study on the authors of communal and abusive tweets. Paper submitted to ACM CHI 2016, San Jose. Technologies : Python, Pandas, scikit-learn,

Fall 2015 **Detecting and removing self-citations of authors**, *Social Computing Term Project*.
Developed an application to identify and remove the self-citations for the author over their complete timeline of publications. Technologies : Python, Django, BeautifulSoup

March 2014 **Image Classifier**, *TagMe contest*, IISc, Bangalore.
Developed an image classification algorithm using Naive Bayes Classifier as a submission for TagMe contest organized at IISc Bangalore . Technologies : MATLAB

Languages & Technologies

Proficient Python,C++, JavaScript, Django, NLTK, MySQL, d3.js, jQuery
Familiar Java, Spring, HTML, CSS, Bootstrap, Gradle, Android SDK, Windows Phone SDK

Positions Of Responsibility

2015-16 **President**, *Mathematics Colloquium*, Indian Institute Of Technology, Kharagpur.
2011-12 **Associate Manager**, *Entrepreneurship Cell*, Indian Institute Of Technology, Kharagpur.