

# Ameya R Chavan

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## EDUCATION

- Robert H. Smith School of Business, University of Maryland**, College Park, MD December 2017  
**Master of Science in Information Systems**, GPA: 3.78/4  
Teaching Assistant for BMGT404: Essential Data Skills for Business Analytics
- D. J. Sanghvi College of Engineering, University of Mumbai**, Mumbai, India 2016  
**Bachelor of Engineering**, Computer Engineering, GPA: 7.25/10

## TECHNICAL SKILLS

- *Languages*: Java, XML, C, JavaScript, SQL, HTML, UML, Python, CSS
- *Tools*: NetBeans, Eclipse, Rational Rose, Oracle SQL\*Plus, MATLAB, Tableau, DecisionTools Suite
- *Operating systems*: Windows, Linux, Mac OS

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## EXPERIENCE

### Projects:

- Automated Text Summarization of Documents** 2016
- Reviewed problems in current summarization systems and co-led a team of three to develop a system using Python to generate summary of passages; user's reading time reduced to 50%; summarized text 25% more efficiently as compared to MS Word.
  - Scored sentences based on 10 different parameters including title relevance, sentence position and length; programmed neural networks scored and improved sentences with 10% feedback and 85% accuracy.
- Ranking Analysis of Universities** 2016
- Collected ranking data from three independent ranking agencies; analyzed and evaluated data of 200+ universities.
  - Collaborated with a team of three and devised system with Python for better data summarization and visualization; resultant graph visualized ranking of university over 15 years. Presented results to over 20 people of computer department.
- Record Management System** 2013
- Assessed challenges with manual record management system in local gym and developed automated record management system database to cater to 1000+ members. Manual efforts reduced by almost 80%.
  - Led a team of four to digitize membership records of members and staff, automated maintenance, and scheduling; increased efficiency and cut down manual work by 25%. Developed the system in Java.

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## VOLUNTEER EXPERIENCE

- National Service Scheme** 2013 - 2014
- Supervised medical camp with team of 15 comprising of 600 people based out of Mumbai suburbs; managed facilitation of medical supplies at 50% reduced cost.
  - Organized and assisted collection of used books, stationery, clothes, utensils for 150+ underprivileged people based out of Mumbai.
- Indian Development Foundation** 2014 – 2015
- Conducted Mathematics tutorials to serve 30 underprivileged children at local primary school; supplied stationery and required course material and reduced costs to 50%.

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## ADDITIONAL INFORMATION

- Authored research paper explaining currently available summarization techniques; published its report in International Journal of Innovations & Advancement in Computer Science in December 2015.
- Languages known: English (Fluent), Hindi (Fluent), Marathi (Fluent), Gujarati (Fluent).
- Awarded 3<sup>rd</sup> place twice in bike races having more than 70 participants; won gold medal in weightlifting competition held at local gym.