PRATHAMESH DHARANGUTTE

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EDUCATION

NYU Tandon School of Engineering, New york *September 2019 - Present*
Masters in Computer science
Relevant coursework: Algorithmic machine learning and data science, machine learning and big data.

Pune Institute of Computer Technology, Pune *July 2013 - June 2017*
Bachelor of Engineering, Computer. CGPA: 8.22/10
Relevant coursework: Design and analysis of algorithms, natural language processing, data mining, artificial intelligence, operating system, computer networks and theory of computation.

PROJECTS

Expressive English TTS system

- Developed a system to identify the emotion in a given sentence and produce audio as per the variance in human speech due to emotional state.

Twitter sentiment analysis

- Developed and implemented a robust system to stream tweets in real time, based on keyword and identify the sentiment.

WORK EXPERIENCE

HSBC Software Development Pvt. Ltd Aug 2017 - Nov 2018
Software Engineer *Pune, India*

- Developed and maintained web application for internal use.

- Restructured the architecture of RTC plugin for better scaling.

- Researched and developed a chatbot to be used by various teams within the organization.

Prism IT Solutions Pvt. Ltd. Dec 2015 - May 2016
Software Engineer Intern *Pune, India*

- Developed a framework for processing and extracting meaningful insights from XML data using Apache Spark.

- Researched methods and algorithms for determination of emotion in audio to integrate with the company product.

SKILLS

Proficient: Java, Python, Spring framework, Unix

Moderate: Pytorch, Tensorflow, Javascript

ACHIEVEMENTS

Placed in top 3 for state and national level competitions for bachelors project.

Placed in top 3 for Amazon QLearn, a kaggle in-class challenge by IISC Bangalore.

Placed in top 1% in "India Hacks-Machine learning track" Hackerearth Challenge.