

JAMSHED A. SHAPOORJEE

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EDUCATION

Columbia University , Fu Foundation School of Engineering and Applied Science Master of Science in Computer Science, Machine Learning Track, GPA - 3.76/4.0 Graduate Teaching Assistant: Introduction to Databases & Business Analytics Relevant Coursework: Algorithms, Adv. Machine Learning, Microservices, AI, Cloud Computing & Big Data, Adv. Databases	New York, NY Dec 2017
University of Mumbai , Dwarkadas J. Sanghvi College of Engineering Bachelor of Engineering in Computer Engineering, GPA - 9.11/10.0	Mumbai, India May 2016

PROFESSIONAL EXPERIENCE

Microsoft Software Engineer	Seattle, WA Feb 2018 - Present
<ul style="list-style-type: none">Responsible for developing features and maintaining services in Azure Active Directory (Azure AD) which is a highly available, geo-redundant identity and access management cloud solution.Designing and developing new Role-Based Access Control (RBAC) capabilities for Azure AD for efficient authorization and fine-grained access management.	
Electronic Arts (EA) Software Engineering Intern	Austin, TX May 2017 - Aug 2017
<ul style="list-style-type: none">Worked with the Digital Platform Data Team to design and develop an application for automating data transfers between multiple AWS Redshift Data Warehouses using Spring Java MVC, AngularJS, MySQL, AWS RedShift and S3Provided functionality to schedule time or condition based data transfers in a parallelized method between warehouses. Built an admin panel for modifying or aborting executing transfers and executing high priority tasks.	
Reliance Industries Project Intern	Mumbai, India June 2015 - July 2015
<ul style="list-style-type: none">Developed an Android library that was used to maintain application usage data such as page counts and session durations which was later converted into a file that was uploaded to the server for further analysis of usage patternsDesigned the library such that it could also be used to generate reports and send them to the development team in case of a crash or any inconsistency, so that the root of the problem could be identified and fixed. The library was incorporated in the application that later launched on the Android Play Store	

PROJECTS

Chrome Extension for Tweet Analysis, Hashtag Suggestions and Malicious Tweet Detection	Sept 2016 - Dec 2016
<ul style="list-style-type: none">Developed a Chrome Extension that plugs into the Twitter Page and dynamically analyses the user's tweets to suggest hashtags, display subjects of the tweets, hotspots of these subjects, current and past sentiments of similar tweets, etc.Detected malicious or fake tweets to the users and also lets them report tweets. Application developed using a Flask Framework and an Elasticsearch Database, hosted on AWS Elastic Beanstalk	
Information Retrieval Optimization using Query Expansion and Content-Summary Generation	Sept 2016 - Oct 2016
<ul style="list-style-type: none">Improved the information retrieval results and performance by using query expansion, which reformulates the seed query by incorporating relevant terms using relevance feedback. Developed in Python using Bing APIClassified Web Databases by obtaining a sampling data entries and calculating parameters like specificity and coverage which was later used to generate content-summaries for quicker access to the right Web Database	
Prediction and Visualization of User's Tendency Towards Purchases using Clickstream Data	May 2015 - Apr 2016
<ul style="list-style-type: none">Developed a software which uses collection of click events (sessions) to predict whether the user is going to make a purchase or not, and which items the user is going to purchase by applying Machine Learning in PythonExtracted data to derive features such as session length, purchases per session, clicks per session, etc., and used this data to analyze the buying behavior across a timeline using visualizations	

LEADERSHIP & ACTIVITIES

Academic Tutor for Student Athletes , Columbia University, New York	Jan 2017 – Dec 2017
Winner (Best Hack) , HackPrinceton 2017, Princeton University	Nov 2017
Organizer and Head of Dept. (Logistics) , International Conference on Adv. Computing Tech	July 2014 - Aug 2015
Co-Head (Logistics) , Computer Society of India	Aug 2013 - July 2014

SKILLS

- Programming Languages:** Java, Python, C#, C, SQL, JavaScript, HTML/CSS, MATLAB and ASP.NET
- Technologies:** Azure, Amazon Web Services, Django, Flask, Spring, Angular, Visual Studio, Android Studio, Elasticsearch
- Certifications:** Microsoft Certified Technology Associate (Web Development)
- Additional Courses:** R Programming, Web Apps & ASP.NET (Microsoft IT Academy), Statistical Thinking for Data Science