Vasundhara Misal

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Objective

I wish to enhance my knowledge by pursuing master's degree in Human-Computer Interaction from an international reputed university and make my career as UI/UX Designer.

Education

University of Maryland, Baltimore County, MD	MS - Information Systems	Dec 2016	3.33
University of Pune, India	BE - Information Technology	May 2012	3.2

Technical Skills

- **Platforms and Languages:** HTML, CSS, SQL, Python, R, Hadoop, PL/SQL, Oracle CRM, SOQL, Core Java, Unix
- **Databases:** Oracle, PostgreSQL
- **Tools: Tableau**, SQL Developer, Workbench, Squirrel SQL, HP-Quality Center, HP-ALM

Work Experience

Volunteer Data Validation Analyst   **Haiti Now**   **Aug 2018 – Present**
- Validation of data of visualizations that are created using Tableau

Research Assistant   **Database Lab – UMBC**   **Jan 2016 – Aug 2016**
- Implemented Iterative Unified Clustering algorithm using **Apache Spark** and **Python** on large datasets to deal with both continuous and categorical variables in the data
- Proposed a novel approach to Case-Based Reasoning across clinical and genomic data
- Published and presented the paper titled **'Iterative Unified Clustering in Big Data'** at **KDDBHI** workshop, IEEE Big Data Conference 2016

Software Engineer Analyst   **Accenture Services Pvt. Ltd**   **June 2012–Dec 2014**
- Supported Customer Relation Management and Business Project Management projects in pharmaceutical domain as a **functional and ETL Tester**
- Wrote **SQL** and **SOQL** queries for testing data in different databases
- Conducted extensive testing for iPad and web applications based on **Salesforce** and **Appian**
- Applied Quality Centre and Application Lifecycle Management tools for manual testing and defect management
- Participated in meetings with clients, business analysts and developers for requirement analysis, defect management and project deliverables

Academic Projects

Data Analytics for Cybersecurity [Python, Apache Spark]   **Jan 2016 – May 2016**
- Proposed analysis on e-mail dataset in the big data environment
- Analyzed performance of Naive Bayes, Decision tree and MaxEnt classification using NLTK package and PySpark API

Information Extraction [Python]   **Jan 2016 – May 2016**
- Designed a system for summarization of financial articles related to mergers and acquisitions using Python with NLTK and RE packages. Also, Used System T to extract specific information from large texts

Unifying Operating System [Java]   **Aug 2011 – May 2012**
- Implemented a common interface to support file operations on Operating Systems; such as Solaris, Linux and Windows; with same input and output syntax irrespective of the underlying Operating System
- Published paper "Unified Operating System" at International Journal of Soft Computing and Engineering (IJSCE)

Certifications (Udemy/Coursera)

- Introduction to R programming
- Tableau 10 A-Z: Hands-On Tableau Training for Data Science