

Sapana V. Kapadnis

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EDUCATION

Bridgewater State University, MA January 2018-December 2019
Master of Science in Computer Science GPA-**3.8/4**
Related Courses: Analysis of Algorithms, Operating System, Computer Networks, Database Management, Cryptography

University of Pune, Pune, India May 2013-May 2015
Master of Computer Engineering GPA-**8.3/10**
Related Courses: High Performance Databases, Business Intelligence & Data Mining, Cloud Computing

University of Pune, Pune, India May 2009-May 2013
Bachelor of Engineering in Information Technology
Related Courses: Data Structures, Advanced Database Management, Information Retrieval, Computer Networks

PROFESSIONAL EXPERIENCE

Mullen Lowe U.S June 2019-Present
Quality Assurance Intern

- Created and tested landing pages using html, CSS and JavaScript.
- Performed compatibility, performance, UI testing for different client websites. Used Jira for bug tracking.
- Performed banner testing and advertisement email testing for Clients.

Bridgewater State University September 2018-May 2019
Graduate Assistant: Digital Marketing and Communication

- Analyze data fetched from various Social Media Platforms to generate detailed reports using Excel and Sprout Social.
- Perform data cleansing to create interactive dashboards using Tableau which support business decisions and prioritizing requirements.
- Review and analyze the data based on parameters such as number of likes, views, frequency of the visitors, attrition, etc. on the University's website and posts to improve website content and post tagging.
- Suggested and now implementing innovative way to manage university multimedia content and make search more efficient using Photoshelter.
- Created dashboards using Google Analytics Platform.

Mojo Networks, Pune, India April 2015-November 2016
Member of Technical Staff, Product Verification

- Tested authorization and authentication frameworks of Mojo Launchpad and Mojo One cloud services which are the access point for all the services provided by Mojo Networks, Verified IPv6 support for services.
- Developed API test cases and converted them to automation test cases using Python scripts also used Postman for manual API testing.

- Designed detailed test plan and test cases and performed vulnerability, performance, stress and UI testing.
- Conducted thorough assessment and testing of new features, evaluated its impact on existing features and executed system test plan before each release.
- Followed Agile Framework during whole testing process.
- Maintained logs of bugs, errors during testing phase using Bugzilla and troubleshoot issues at times.

ACADEMIC PROJECTS

Bridgewater State University, Bridgewater, MA

April 2019

Project Management System

- Developed project management system to keep track of ongoing projects using java swing and SQLite database. System included different views for different users and access control mechanism.

Bridgewater State University, Bridgewater, MA

October 2018

Simple Plagiarism Detection using String Matching Algorithms

- Performed different data cleansing and preprocessing steps which included removing stop words, dividing sentence into tokens and performing stemming operation on those tokens.
- Removed blank spaces and duplicate stemmed tokens and converted all those tokens to lowercase to increase the accuracy of word matching algorithms. Applied string matching algorithms.
- Python library used was NLTK

Bridgewater State University, Bridgewater, MA

March 2018

Hackers News: Data Analysis

- Analyzed job postings and comments pulled through API from Hackers News website using Python.
- Plotted graphs to show job posting trend over two years' including number of jobs that require onsite or remote work and programming languages skillset. Summarized job trend in different locations using geomap.
- Developed automated unit test and performance test cases.
- Python libraries used were pandas, plotly, datetime, re, numpy

Pune University, Pune, India

May 2014

Distributed File Storage and Sharing System using Peer to Peer Network in Cloud

- Developed distributed file storage and sharing system using a peer-to-peer network in the cloud. Created the network using cloud-based nodes. Setup included multiple data providers and fetchers.
- Used Python socket programming for implementation.

TECHNICAL SKILLS

Languages: Python, C, C++, Java

Web Technologies: HTML, CSS, Spring MVC

Database & BI Tools: MS SQL Server, Oracle, Tableau, Excel, SQLite, Google Analytics, Botify