

Priyansh Bendre

Santa Clara, CA

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EDUCATION

Santa Clara University, Leavey School of Business

Santa Clara, CA

Master of Science in Information Systems (MSIS)

June 2020

- Relevant coursework – Data Science with Python, Computer Based Decision Models, Systems Analysis & Design, Dashboards and Visualization, Big Data Modelling and Analysis, Applied Cloud Computing, Business Intelligence

University of Pune, MIT College of Engineering

India

Bachelor's in Computer Engineering (BE), First Class with Distinction

May 2017

- Relevant coursework – Business Analytics and Intelligence, Data Mining Technology and Applications, Finance and Management Information Systems, Computer Networks, Data Structures and Algorithms, Smart System Design and Applications

SKILLS

- **Data Analytics:** Tableau, Python (NumPy, pandas, seaborn, scikit-learn, PyTorch), Google Data Studio, Advanced Microsoft Excel
- **Database:** MySQL, MS-SQL, MongoDB, PL/SQL, Database Design, Data Migration, Amazon RDS
- **Cloud:** AWS (EC2, S3, Lambda), Docker, Kubernetes, AWS CloudWatch, Load Balancing
- **Languages:** Python, SQL, JavaScript, R, HTML, CSS, React, NoSQL, C
- **Tools:** Jira, MS-Project, Ansible, Selenium, GitHub, Anaconda, MySQL Workbench, Eclipse

ACADEMIC PROJECTS

- **Crime rate investigation in Chicago:**
Implemented **Classification Algorithms** for categorization of crimes in Chicago using “City of Chicago Crimes” dataset (**Python**, pandas, scikit-learn, seaborn). Findings-Curbing narcotics related crimes (4% of total) could make the neighborhood 12% safer
- **Malaria Initiative Resource Planning:**
Developed a system using **quantitative analysis** to visualize the effectiveness of “President’s Malaria Initiative” using **Python** and **Tableau**. Found the optimal approach to improve the supply chain which could help reduce 12 deaths per 1000 persons
- **Spectrum logistics Data Migration:**
Solved data integrity issues by leveraging **change management** guidelines for a startup by moving from spreadsheets to RDBMS MySQL. **Designed database** and **User-Stories** and helped reduce inventory spoilage by 12% and timesaving of 8 man-hours daily
- **DOTA Gaming Event:**
Implemented a database in **MS SQL** from scratch using **ETL process** for multiplayer online gaming event (‘The International – Dota2’). Demonstrated the effects of **data-driven personalization** that could give insights about player statistics and help organizers arrange events for attendees
- **Anime Recommender:**
Created a **dashboard** in **Tableau** that recommends new Anime to enthusiasts based on individual Anime watching habits. It took into consideration total hours spent on watching previous series, the genre of anime interested in and anime ratings
- **Parkway (Ongoing):**
Developing a solution that helps drivers find convenient parking spaces across the city and help them reserve spot. As the team lead my responsibility includes **data analysis** using Python of historical parking data, managing scope, **requirement gathering**, database development in **MySQL** and **cloud deployment**

EXPERIENCE

Santa Clara University, Academic Technology Department

Media Systems Specialist (Part-time)

March 2019 - Present

- Accountable as part of a 12-member team for installation and upgradation of classroom technology on the university campus
- Perform GUI and A/B tests of under development ‘Control Hubs’ for ‘Meeting Spaces’ to boost productivity and accessibility
- Restructure customer requirements through client’s anticipated activity to ensure high standards

ADDITIONAL INFORMATION

Volunteer Work: Conceptualizing a **strategic plan** to reduce threats affecting corals and restore coral reef ecosystem with “People for Animals, India”; Developed a **risk management** plan for a project at “Frugal Innovation Hub” to be deployed in Kenya

Other Interests: Formula 1, playing the Guitar, Travel, Fishkeeping

Awarded **third position** in National Level Youth Parliament 2012 competition acting as the speaker of the house