

# SAYALI BADOLE

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## EDUCATION

California State University, Monterey Bay

Seaside, CA

Bachelor of Science in Computer Science, Concentration Data Science

May 2023

GPA: 3.79 | Honors/Awards: Magna Cum Laude, Dean's List

Relevant coursework: Introduction to Data Science, Advanced Machine Learning, Data Structures and Design and Analysis of Algorithms, Software Design

## SKILLS & CERTIFICATIONS

Programming: Python, Java, SQL, HTML, CSS, Javascript, R

Skills: React.js, Tailwind, Tableau, CI/CD, Sci-Kit Learn, TensorFlow, Keras, Pandas, NumPy, Matplotlib, Seaborn, Agile, Scrum, GitHub, Visual Studio Code, JIRA, Figma, Node.js, MongoDB, Statistical Analysis, Problem-solving, Communication

Certifications: IBM Data Science Professional Certificate

## RELEVANT EXPERIENCE

Restorative Justice Partners Inc. - Tech Support Intern | Marina, CA

August – December 2022

- Communicated and resolved technical issues across varying departments, resulting in a reduction in downtime and increased productivity
- Streamlined data collection processes for marketing campaigns, resulting in a 20% decrease in errors and a 30% increase in overall data accuracy
- Conducted weekly meetings to report on updates and identify areas for improvement, facilitated documentation with relevant information to ensure accessibility for everyone in the organization

Book A Tour - Social Media Data Analyst | Mumbai, India

February 2019 – February 2021

- Identified key demographic trends and preferences for our internet-based clients through in-depth analysis of social media data, leading to the development of targeted marketing strategies
- Collaborated with cross-functional teams and stakeholders to create compelling digital content that drove an impressive 70% increase in click-through rates on social media posts
- Analyzed social media trends & tools to identify gaps in our current strategy and discovered new channels to reach our target audience, leading to a 30% increase in impressions

## PROJECTS

LinkIt - Making Sense of Disparate Data

GitHub | [View Project](#)

- Developed an innovative tool that streamlines data integration by automating labor-intensive tasks, resulting in a 40% reduction in manual workload for data scientists
- Implemented automatic data classifiers by examining disparate data, rationalizing the schema, and finding natural linkages so multiple datasets can be merged in a semantically meaningful way
- Utilized: Python, External APIs, RegEx, Unit Testing, System Integration

Fake News Detector

GitHub | [View Project](#)

- Developed and deployed a self-running Machine Learning model to classify news article authenticity based on source and title, resulting in a 10% increase in accuracy over previous models
- Conducted rigorous testing of set and sequence models, transformers and its variations to determine the most effective approach, resulting in an organized report that serves as a valuable resource for future projects
- Utilized: Python - TensorFlow, Sci-kit Learn

## OTHER AFFILIATIONS

Women In Tech | Member

MPUSD | Volunteer Tutor