Samira Mohamed

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EDUCATION

San Diego State University   San Diego, CA
Bachelor of Science in Information Systems, GPA: 3.82   Expected May 2025
San Diego Mesa College   San Diego, CA
Associate of Arts in Economics, GPA: 3.87   May 2023
Break Through Tech at Cornell Tech   New York, NY
Certificate In Machine Learning Foundations (eCornell)   Jul 2024
Relevant Coursework: Principles of Information Systems, Fundamentals of Finance, Information Systems Analysis and Design,

TECHNICAL SKILLS

Programming Languages: Python, Powershell, SQL, HTML,
Data Analysis & Tools: Excel, Tableau, NumPy, Pandas, Power BI
Software & Platforms: JIRA, Confluence, Microsoft Azure, Machine Learning, Pytorch, Qualys

WORK EXPERIENCE

Saciva   San Diego, CA
Recommendation System Developer, Break Through Tech Program   Aug 2024– Present
- Developed interactive data visualizations for over 3,000 users using Tableau, which enhanced stakeholder engagement by 20% and informed strategic decisions.
- Led a cross-functional team of 5, including engineers, designers, and data scientists, refining system functionality and increasing user engagement by 15%.
- Engineered advanced algorithms to vectorize over 5,000 student profiles using NumPy and Pandas, which improved recommendation precision by 25% and user satisfaction by 20%.

Blueboard   San Diego, CA
Information Technology Intern   Nov 2023 – Apr 2024
- Achieved 100% SOC2 compliance by leading the audit and using Qualys for security assessments, strengthening data protection and boosting stakeholder confidence.
- Managed cross-functional teams and implemented JIRA and Confluence for agile project management, improving collaboration and increasing productivity by 15%.
- Analyzed large datasets using SQL and Excel by cleaning and preparing data, aggregating information from multiple sources, and conducting trend analysis. Developed predictive models and tracked KPIs, which led to data-driven business strategies that increased overall efficiency by 12%.

La Maestra Health Center   San Diego, CA
Information Technology Intern,   Apr 2023 – Aug 2023
- Spearheaded system audits and policy updates, collaborating with cross-functional teams to improve compliance by 30%.
- Installed and configured software tools to improve operational efficiency by 20%, reducing software-related issues across departments.

PROJECTS

Onboarding System Redesign at Greater Than Tech
- Conducted a gap analysis for GTT's onboarding process, recommending a new information system that reduced new hire turnover by 50% and improved efficiency.
- Led the implementation of Rippling, utilizing agile methodologies and Gantt charts to manage the project, which resulted in a 10% increase in satisfaction for new hires.

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

National Students Black Engineers San Diego State University   San DIego, CA
Senator   Mar 2024 – Present
- Served as the primary liaison between the chapter and the national NSBE, aligning member needs with national goals, which strengthened chapter support and connectivity.

Break Through Tech AI UCLA   Los Angeles , CA
Member   Mar 2024 – Present
- Chosen from 3,000+ applicants for the Breakthrough Tech AI fellowship, I gained hands-on experience in machine learning and collaborated on projects with Cornell, Accenture, and Google.

ADDITIONAL SKILLS AND INTERESTS

Fluent in Somali, Interested in Information Technology, Product Management, Machine Learning, Cybersecurity, and Data Analysis