

JAKE TRIMBLE

Contact



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LinkedIn
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Skills

Data Science

Analytics

Visualizations

Data Engineering

Leadership

Product Mgmt

Programming

 Python

 R

 SQL

 HTML

 CSS

AWS Certifications

AWS Certified Solutions Architect - Associate

AWS Certified Developer - Associate

AWS Certified SysOps Administrator - Associate

Work Experience

Senior Data Scientist/Engineer

November, 2022

- Pioneered the development of a robust data science ecosystem, empowering scientists to seamlessly interact with modeling outputs. This initiative facilitated efficient data-driven decision-making, fostering collaboration and innovation among cross-functional teams, ultimately enhancing the effectiveness of research and development efforts.
- Led a cross-functional team of scientists and data engineers to drive data products for organizational data-driven decision making empowered by data science outputs. These significantly advanced development candidates within our biological pipeline. This strategic utilization expedited project timelines and optimized resource allocation, bolstering the overall success of our research and development initiatives.
- Orchestrated genomics analyses and delivered high-impact visuals and figures to support investor presentations, board meetings, and business development negotiations. These compelling data representations played a pivotal role in conveying complex scientific insights to non-technical audiences, contributing to successful investment pitches and strategic decision-making.

Data Scientist/Engineer

June, 2019 - November, 2022

- Spearheaded the development of multiple interactive dashboards within AgBiome's genomics platform using Dash/Plotly. These visually engaging dashboards provide intuitive and insightful data representations, enabling end-users to effortlessly explore complex genomics data.
- Collaboratively designed and executed a comprehensive assembly processing pipeline, harnessing the power of various AWS cloud services (Step Functions, S3, Lambda). This innovative pipeline efficiently handles the processing of extensive genome datasets, ensuring streamlined and resource-effective operations.
- Co-led a pivotal project dedicated to the meticulous management of microbial inventory. This endeavor encompassed meticulous data standardization and the establishment of an AWS-backed system, seamlessly integrating inventory data into our data warehouse. This initiative greatly enhanced the accessibility and reliability of critical inventory information for our research and development teams.

Microbiologist

Sept, 2014 - June, 2019

- Contributed to the expansion of our microbial collection, increasing it to over 80,000 diverse microbes.
- Conducted extensive testing of multiple high-throughput isolation technologies, enhancing our platform's efficiency and capabilities.
- Managed the collection and processing of environmental samples, ensuring the effective handling of crucial data sources.

Education

Masters of Microbial Biotechnology

2019

- North Carolina State University
- Raleigh, North Carolina

Biology

2013

- University of South Carolina
- Columbia, South Carolina