MICHAEL ANDERSON

DATA SCIENTIST - GENOMICS

CONTACT

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- 📍 San Francisco, CA

SKILLS

- Bioinformatics
- Genomic Data Analysis
- Python
- R
- SAS
- Data Visualization

LANGUAGES

- English
- Spanish
- French

EDUCATION

PH.D. IN BIOINFORMATICS, INSTITUTE OF GENOMIC RESEARCH

ACHIEVEMENTS

- Secured funding for a research project focused on cancer genomics.
- Received 'Outstanding Researcher' award for contributions to genomic studies.
- Authored multiple publications in prestigious journals related to genomics.

PROFILE

Enthusiastic Medical Data Scientist with a focus on genomics and personalized medicine. With 5 years of experience in bioinformatics, I specialize in analyzing complex genomic datasets to uncover insights that drive personalized treatment plans. My proficiency in data mining and statistical modeling allows me to contribute to research that shapes the future of precision medicine.

EXPERIENCE

DATA SCIENTIST - GENOMICS

Genomic Health Corp.

2016 - Present

- Analyzed genomic data to identify biomarkers associated with treatment responses.
- Developed algorithms for gene sequencing analysis, improving accuracy by 30%.
- Collaborated with clinical teams to design studies focused on personalized therapies.
- Utilized R and Python to create data visualization tools for genomic data interpretation.
- Published findings in leading bioinformatics journals, contributing to scientific knowledge.
- Presented research at national conferences, enhancing the organization's profile in genomics.

BIOINFORMATICS ANALYST

BioData Solutions

2014 - 2016

- Processed high-throughput sequencing data to support research initiatives.
- Developed and maintained databases for genomic information management.
- Worked with lab teams to ensure data accuracy and integrity across projects.
- Trained researchers on using bioinformatics tools for data analysis.
- Contributed to the design of bioinformatics pipelines for data processing.
- Assisted in grant proposals by providing data analysis support and insights.