MA

MICHAEL ANDERSON

BIOINFORMATICS ANALYST

CONTACT

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SKILLS

- Bioinformatics
- Next-Generation Sequencing
- Data Analysis
- CRISPR
- Team Collaboration
- Scientific Communication

LANGUAGES

- English
- Spanish
- French

EDUCATION

MASTER'S IN GENOMICS, UNIVERSITY OF SCIENCE, 2018

ACHIEVEMENTS

- Co-authored a landmark paper on genetic predictors of disease susceptibility.
- Received a grant for innovative research methodologies in genomics.
- Presented findings at an international conference, gaining recognition in the field.

PROFILE

Results-driven Life Sciences Research Fellow with 5 years of experience in genetic research and bioinformatics. Highly skilled in utilizing next-generation sequencing technologies to uncover genetic variants associated with diseases. Proven ability to work collaboratively with interdisciplinary teams to achieve research milestones. Strong analytical skills coupled with a deep understanding of statistical models and bioinformatics tools.

EXPERIENCE

BIOINFORMATICS ANALYST

Genomic Innovations, LLC

2016 - Present

- Analyzed genomic data sets to identify mutations linked to hereditary diseases.
- Developed bioinformatics pipelines for high-throughput sequencing data.
- Collaborated with clinicians to translate genetic findings into actionable insights.
- Utilized tools such as GATK and ANNOVAR for variant annotation.
- Presented data at internal meetings, influencing research direction.
- Reduced data processing time by 40% through software optimization.

RESEARCH FELLOW

Center for Genomic Medicine

2014 - 2016

- Conducted research on the role of epigenetics in cancer progression.
- Designed experiments using CRISPR to study gene regulatory mechanisms.
- Published multiple papers in peer-reviewed journals, enhancing the institute's visibility.
- Mentored undergraduate students in laboratory techniques and data analysis.
- Collaborated with external partners on a multi-institutional study.
- Improved laboratory protocols, increasing efficiency by 25%.