MICHAEL ANDERSON

Biostatistician

CONTACT

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- San Francisco, CA

EDUCATION

M.S. in Biostatistics

University of California
San Francisco

SKILLS

- R
- PLINK
- genetic epidemiology
- data analysis
- statistical modeling
- genomic data

LANGUAGES

- English
- Spanish
- French

Analytical Clinical Biostatistician with 5 years of experience focused on genetic epidemiology. Skilled in applying statistical methods to investigate genetic factors in disease outcomes. Experience working with genomic data and conducting complex statistical analyses to identify associations and causal relationships. Proficient in using R and PLINK for data analysis and visualization.

💼 WORK EXPERIENCE

Biostatistician   2020-2023

Genetic Health Solutions

- Led statistical analysis for studies investigating genetic predispositions to chronic diseases.
- Developed and validated statistical models to assess gene-environment interactions.
- Collaborated with geneticists to design studies that address critical research questions.
- Utilized R for data analysis, enhancing the interpretation of complex genetic data.
- Presented research findings at international genetic conferences, improving collaboration.
- Contributed to grant proposals for funding genetic research initiatives.

Statistical Analyst   2019-2020

BioGen Research Institute

- Supported the analysis of large genomic datasets to identify genetic variants associated with diseases.
- Engaged in data cleaning and preparation, ensuring high-quality datasets for analysis.
- Participated in the preparation of manuscripts for publication in genetic epidemiology journals.
- Conducted exploratory data analysis to inform study design and methodology.
- Collaborated with interdisciplinary teams to enhance research capabilities.
- Presented statistical findings at departmental meetings, enhancing team knowledge.

★ ACHIEVEMENTS

- Contributed to a study that identified a novel genetic marker associated with diabetes.
- Secured funding for a research project focused on gene-environment interactions.
- Published findings in high-impact journals, enhancing the field's understanding of genetics.