MA

Michael
ANDERSON

CONTACT

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SKILLS

- Evolutionary Genomics
- Statistical Modeling
- Data Analysis
- R
- Python
- Phylogenetics

LANGUAGES

- English
- Spanish
- French

EDUCATION

MASTER'S IN COMPUTATIONAL BIOLOGY, UNIVERSITY OF WASHINGTON

ACHIEVEMENTS

- Published research on evolutionary adaptations in a leading scientific journal.
- Received the NIH Outstanding Research Award for significant contributions.
- Presented at an international conference on evolutionary biology.

COMPUTATIONAL BIOLOGIST

I am a computational biologist with a focus on evolutionary genomics and systems biology. My expertise lies in using computational tools to investigate the evolution of genetic traits across species. With a Master's degree in Computational Biology from the University of Washington, I have spent over 7 years working on projects that analyze genomic data to understand evolutionary relationships.

WORK EXPERIENCE

COMPUTATIONAL BIOLOGIST

National Institutes of Health

2020 - 2025

- Developed phylogenetic models to analyze evolutionary relationships among species.
- Utilized statistical methods to assess genetic diversity in populations.
- Collaborated with ecologists to apply findings to conservation strategies.
- Presented research findings to both scientific and public audiences.
- Managed large genomic datasets, ensuring data integrity and accessibility.
- Conducted workshops on evolutionary genomics for graduate students.

BIOINFORMATICS ANALYST

University of Washington

2015 - 2020

- Analyzed genomic data from various species to study evolutionary adaptations.
- Implemented algorithms to detect selection signals in genomic data.
- Collaborated with researchers on projects related to population genetics.
- Authored reports summarizing findings for stakeholders.
- Participated in grant writing, contributing to successful funding applications.
- Maintained up-to-date knowledge of bioinformatics tools and methodologies.