MA

MICHAEL ANDERSON

SENIOR PSYCHOMETRICS RESEARCHER

CONTACT

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SKILLS

- Educational Assessment
- Item Response Theory
- Test Development
- Data Analysis
- Team Leadership
- Policy Advocacy

LANGUAGES

- English
- Spanish
- French

EDUCATION

PH.D. IN EDUCATIONAL PSYCHOLOGY, UNIVERSITY OF EDUCATION, 2012

ACHIEVEMENTS

- Improved assessment reliability metrics by 25% through innovative testing methods.
- Published 5 papers in high-impact educational journals.
- Awarded 'Excellence in Assessment' by the National Education Association.

PROFILE

Driven by a passion for measurement and evaluation, I am a Psychometrics Researcher with over 10 years of experience in educational assessments. My career has been dedicated to developing psychometric tools that enhance educational outcomes and provide insights into student learning. I have expertise in test design, item analysis, and the application of classical test theory and item response theory.

EXPERIENCE

SENIOR PSYCHOMETRICS RESEARCHER

National Education Assessment Board

2016 - Present

- Led the development of state-wide assessments in mathematics and reading.
- Utilized item response theory to enhance test item quality.
- Managed a team of researchers to oversee assessment projects.
- Collaborated with educators to align assessments with state standards.
- Analyzed test data to inform instructional practices and interventions.
- Presented findings to stakeholders and policymakers to drive educational change.

PSYCHOMETRICIAN

EdTech Solutions

2014 - 2016

- Developed online assessments for K-12 educational programs.
- Conducted item analysis to ensure test reliability and validity.
- Collaborated with software developers to enhance user experience.
- Trained educators on interpreting assessment results.
- Designed reports that provided actionable insights for teachers.
- Participated in national conferences to present innovative assessment practices.