

ROBIN KING, MS

DATA ANALYST

CONTACT

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PROFILE

Seasoned healthcare professional with a knack for sharing the stories data reveals.

EDUCATION

2020: COLORADO STATE UNIVERSITY
MS in Data Analytics, Specialty in Project Management (GPA: 4.0)

2010: COLORADO STATE UNIVERSITY
MS in Occupational Therapy (GPA: 4.0)

UNIVERSITY OF CALIFORNIA AT BERKELEY
BA in Integrative Biology (GPA: 3.8)

CERTIFICATIONS

- Project Management Institute's Certified Associate in Project Management (2019)
- SAS® Graduate Joint Certificate Program Curriculum in Business Intelligence (2020)

TECHNICAL SKILLS

- Data analytics, visualization, and mining
- Extract, transfer, and load (ETL) processing
- Statistics and probability
- Python, R, SQL, JavaScript
- Tableau, Domo
- RapidMiner, SAS® Studio, SPSS
- PostgreSQL, Microsoft Access
- Microsoft Suite, GoogleSuite

SOFT SKILLS

- Leadership skills (training and coaching)
- Strong communication skills (oral and written)
- Effective collaboration across disciplines, including requirements management

PROJECTS

- **Suicide is the leading cause of death among Colorado's youth.** This exploratory study used SAS Studio® to analyze county-level state data. By identifying economic and health factors associated with youth suicidal ideation in Colorado, findings provide direction for community-level intervention and reveal avenues for further research. [See GitHub.](#)
- **Health struggles are interconnected with economics.** This study used R and regression analysis to uncover correlations between economic and health factors across the US. Findings inform intervention and policy approaches directed at improving public health. [See GitHub.](#)

EXPERIENCE

2011-2019

Worked as an occupational therapist (OT) in a variety of medical and educational settings to support clients' cognitive, emotional, and physical health. Provided consultation, evaluation, assessment, discharge, and treatment services. **Worked collaboratively in teams** with clients, speech and physical therapists, doctors, nurses, teachers, paraprofessionals, psychologists, administrators, and family members to maximize safety, independence, and success. [See details.](#)

2015 - 2019

SWAAAC Coordinator, Assistive Technology Team Member, OT |
Roaring Fork School District

Worked as an OT and also provided technical services, as needed, including:

- **Identified the need** for additional support for assistive technology (AT), and so spearheaded several efforts: developed a knowledge management repository, trained staff, and served as the district's Statewide Alternative Augmentative Assistive Communication (SWAAAC) Coordinator. **Efforts resulted in increased knowledge** of AT across service provider disciplines and broader use of AT.
- Developed an Excel spreadsheet for the OT team to compute results from a standardized assessment, employing conditional formatting to highlight extreme values. **Reduced risk of inaccurate reporting** and saved the team hours of work doing calculations.

2008-2010

Graduate Research Assistant | Colorado State University

Supported a systematic mapping research project by **designing and developing** a custom Microsoft Access database based on the team's data coding guidelines.

- Microsoft Access development included using the visual front end as well as developing custom SQL scripts and VB script.
- Used Excel to manage an **extract, transform, and load (ETL)** process to move coded research data from an EndNote® repository to Access.
- Provided **training and documentation** to support the use of the Microsoft Access research tool.
- Co-authored a **published peer-reviewed article** describing the innovative approach to data tracking and analysis for systematic mapping research projects.

2001-2008

Senior Consultant | Ascendant Technology

Senior web programming consultant in numerous disparate engagements, with a wide variety of roles, including lead developer, mentor, trainer, and project leader.

- Projects included **new development, site updates, and site migrations** and served a wide variety of purposes such as **dynamic content management** for internal collaboration and external marketing.