Adam Rios

Data Analytics, Modeling & Simulation, and Web Development

Albuquerque, New Mexico adam@adamrios.com

Technical analyst and developer with 10 years of experience turning complex data into public dashboards, analytical tools, and production web products across state education policy, defense RF modeling and simulation, and independent publishing. Currently on technical staff at Real Time Solutions supporting New Mexico's public education accreditation program while pursuing an M.S. in Artificial Intelligence at the University of Colorado.

EXPERIENCE

Technical Staff

Sep 2025 – Present

Real Time Solutions · Albuquerque, NM

- Provide analytical and technical support for the New Mexico Public Education Department (NMPED) accreditation program.
- Built and maintain custom public dashboards in R tracking school accreditation and board member training.
- Coordinate monthly data collection across department teams and deliver accreditation reports and summaries for NMPED stakeholders.

Modeling & Simulation Analyst

May 2024 – Sep 2025

Joint Navigation Warfare Center · Albuquerque, NM

- Served as team lead for the Modeling & Simulation team and the Analysis team.
- Built Python analysis tools to process and evaluate GNSS receiver data.
- Used RF modeling and simulation software (STK, GIANT) to study aircraft navigation in contested environments.
- Wrote technical reports sharing field-event results with the broader defense community.

Data Analyst

Oct 2023 – May 2024

New Mexico Public Education Department · Santa Fe / Albuquerque, NM

- Analyzed standardized assessment data and built performance reports at the school, district, and state levels.
- Streamlined recurring data workflows and supported dashboard rollouts to inform statewide policy decisions.

Associate Director of Implementation

Sep 2020 – Sep 2023

The College Board · New Mexico

- Coordinated standardized testing operations statewide across New Mexico.
- Supported state customers with ad hoc reports and operational dashboards tracking testing activity and performance.
- Managed implementation timelines and stakeholder alignment, and delivered technical in-person and virtual trainings to large groups of administrators.

Business Operations Specialist

Dec 2019 – Sep 2020

New Mexico Public Education Department

- Produced fiscal and operational reporting covering budgeting, purchasing, contract management, and travel.

Assessment Consultant

Jul 2016 – Dec 2019

New Mexico Public Education Department

- Supported product development of a new state assessment platform administering 500,000+ student tests.
- Built stakeholder-facing student performance reports using Google Looker, Tableau, and Google Sheets.

Founder & Photographer

2021 – Present

Adam Rios Photography · Albuquerque, NM

- Run an independent photography studio, handling art direction, editing, brand identity, and the custom-built website.

SELECTED WEB PROJECTS

Today in ABQ

todayinabq.com ↗

An independent local guide to Albuquerque restaurants, bars, coffee shops, events, and seasonal calendars. Designed and built end-to-end with live open/closed status, search, interactive maps, and automated local data pipelines.

HTML · CSS · JavaScript · Python · SQLite · Cloudflare Pages

Adam Rios Photography

adamriosphotography.com ↗

A custom photography portfolio featuring full-bleed imagery, scroll-based reveals, a filterable gallery, and a lightbox. Designed and built from scratch and running in production.

HTML · CSS · JavaScript · Motion Design · Cloudflare Pages

EDUCATION

M.S. Artificial Intelligence

2026 – Present

University of Colorado

B.A. Psychology, Minor in Statistics

2009 – 2013

University of Texas at San Antonio

SKILLS

Programming & AI	Python, R, JMP, SQL, HTML, CSS, JavaScript, OpenAI Codex
Analytics & BI	Custom R Dashboards, Tableau, Google Looker, Data Visualization, ETL Workflows
Modeling & Simulation	STK, GIANT, RF Modeling, GNSS Receiver Analysis
Design & Web	UI/UX Design, Typography, Git, Cloudflare Pages, Photoshop, Lightroom