

Travis R. McKinzie

Alamosa, CO | trmckinzie24@gmail.com | [Personal Website](#)

I. The Manifesto

I am a researcher, developer, and aspiring synthesizer of disciplines based in rural Southern Colorado. My work exists at the intersection of **Cognitive Science, Evolutionary Naturalism, and Systems Engineering**.

My background is grounded in discipline. As a 5-year NCAA Division II wrestler, I learned the value of grit and consistent effort. Academically, I hold a dual-focus background in **Psychology and General Business**, where I developed a passion for understanding human behavior through an empirical lens.

My journey—from traditional religious frameworks to a scientific humanist worldview—has driven me to explore how we form beliefs, how we polarize politically, and how we can use technology to think more clearly. I am currently focused on building digital tools (like **Aurelia OS**) and creating content that bridges the gap between ancient philosophy and modern cognitive science.

Core Philosophy: *Synthesis through self-regulated learning.*

II. Technical Projects & Engineering

Highlighting the ability to build complex, full-stack systems from scratch.

Project Name: Aurelia OS **Role:** Full-Stack Engineer & System Architect **Type:** Custom Static Site Generator (SSG) & Digital Garden

- **The Challenge:** To eliminate reliance on bloated third-party CMS platforms and create a "Headless" publishing workflow that transforms a local knowledge base (Obsidian) into a high-performance web asset.
- **The Solution:** Engineered a custom ETL (Extract, Transform, Load) pipeline using Python. The system recursively parses local Markdown files and YAML frontmatter, injects them into custom Jinja2 templates, and automatically deploys static HTML via GitHub Actions.

Key Technical Achievements:

- **System Architecture:** Designed a file-based CMS structure that maps local directories to public URL structures, effectively bridging local file management with web deployment.
 - **Automated DevOps:** Built a "Zero-Touch" CI/CD workflow; pushing a local Markdown note triggers the build script and deploys the live site globally in seconds.
 - **Performance Engineering:** Achieved **100/100 Google Lighthouse** scores for Performance and SEO by generating static assets and utilizing Tailwind CSS for minimal payload.
 - **Interactive Frontend:** Developed a custom "Neural Node" animation engine using the **HTML5 Canvas API** and JavaScript, creating a reactive background that visualizes cognitive connections.
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III. Education & Academic Research

Demonstrating rigorous critical thinking and formal training.

Bachelor of Arts in Psychology & Bachelor of Science in General Business *Adams State University, Alamosa, CO*

- **Honors:** Psi Chi Chapter President (National Honor Society in Psychology).
- **Leadership:** Organized and hosted a regional psychology conference, coordinating logistics for visiting scholars and students.

Research Thesis: *Cognitive Drivers of Political Polarization*

- Completed a comprehensive research pathway investigating intergroup bias, social dynamics, and the cognitive-motivational traits that drive political division.
- Proposed and analyzed "recategorization strategies" to mitigate polarization within social groups.

Conference Presentations

- **RMPA 2025 (Rocky Mountain Psychological Association):** Co-presented research on *"Flow State Psychology in Rock Climbers,"* analyzing the intersection of peak performance and risk with faculty and peers.
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IV. The Toolbox (Skills)

A comprehensive list of capabilities across Tech, Research, and Media.

Development & Code

- **Languages:** Python (3.10+, ETL pipelines, Regex), JavaScript (ES6+, DOM, Canvas API), HTML5, CSS3.
- **Frameworks:** Tailwind CSS, Jinja2 (Templating).
- **Tools:** Git, GitHub Actions (CI/CD), VS Code, Virtual Environments (venv).
- **AI/LLM:** Advanced Prompt Engineering (Gemini, ChatGPT, Grok) for rapid skill acquisition and coding assistance.

Research & Analysis

- **Methodology:** Quantitative Research, Experimental Design, Survey Construction.
- **Tools:** SPSS (Statistical Analysis), APA Style Writing, Google Workspace.

Creative & Media

- **Video/Audio:** Podcast Production, Adobe Premiere/Davinci Resolve (Basic), Audacity.
 - **Design:** UI/UX Principles, Responsive Design.
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V. Media & Content Production

Applied synthesis of ideas.

Podcast Host & Producer

- Creator of a psychology and philosophy podcast exploring well-being, evolutionary theory, and ethics.
- Produced 20-30 minute episodes synthesizing complex academic concepts for a general audience.

Video Production Specialist

- Filmed, edited, and produced commercial spots for local businesses.
 - Content broadcasted during university sporting events to live audiences.
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VI. Athletics & Discipline

Proof of resilience and team dynamics.

NCAA Division II Athletics Collegiate Wrestler (5 Years)

- Competed at the Division II level while maintaining a double-major academic workload.
 - Developed elite-level time management, resilience, and leadership skills inherent to collegiate athletics.
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VII. Intellectual Architecture

Influences and areas of independent study.

- **Ontology:** Evolutionary Naturalism, Scientific Humanism.
- **Interests:** Cognitive Science, Evolutionary Theory, Artificial Intelligence, Moral Psychology.
- **Key Influences:** Steven Pinker (Linguistics/Violence/Rationality), Daniel Dennett (Consciousness and Thinking Tools), Sam Harris (Ethics/Mindfulness), Jonathan Haidt (Moral Psychology).