

KENNETH ROBINSON-NEAL

AI Specialist & Software Developer

Saint Pauls, NC • (910) 633-2894 • principerayquez21@gmail.com • github.com/principerayquez21-stack

PROFESSIONAL SUMMARY

Driven AI specialist and software developer with hands-on experience evaluating and training large language models (LLMs) using RLHF methodologies. Proven ability to analyze complex agentic workflows, diagnose AI reasoning failures, and produce high-quality training data. Combines a strong technical foundation in Python, web development, and cloud platforms with sharp problem-solving instincts and a commitment to safe, reliable AI systems.

WORK EXPERIENCE

College Software Engineering Expert | [AfterQuery](#) • Remote

May 2026 – Present

- **Architectural Auditing & Code Review:** Conduct expert-level logic auditing and structural code reviews across Python, C++, Java, and Swift, identifying execution bottlenecks and reinforcing robust software design patterns.
- **Agentic Evaluation Sandboxing:** Author complex, verifiable software engineering tasks and configure deterministic agentic sandboxes to rigorously test LLM code generation, logic execution paths, and edge-case handling.
- **Pipeline & Logic Optimization:** Analyze intricate ETL pipeline architectures and execution traces, delivering direct, technical feedback substantiated by specific function-level analysis and algorithmic complexity metrics.
- **Technical Quality Benchmarking:** Establish authoritative ground-truth validation datasets for advanced data structures and algorithms, enforcing strict engineering standards to systematically drive model performance and reduce regression risks.

AI Code Quality Analyst | [Alignerr](#) • Remote

February 2026 – April 2026

- Evaluated complex multi-step agentic coding transcripts, assessing AI planning logic, task execution, and code correctness across real-world scenarios.
- Performed technical code review of AI-generated Python snippets, validating syntax, logic, and adherence to user requirements.
- Diagnosed and categorized agent reasoning failures — including hallucinated libraries, infinite logic loops, and syntax errors — to strengthen model reliability.
- Delivered structured, actionable feedback on agentic behaviors to ensure AI systems accurately interpreted user intent and produced safe, functional outputs.

AI Trainer | [Outlier AI](#) • Remote

December 2025 – February 2026

- Ranked and evaluated LLM-generated responses against rigorous criteria covering accuracy, helpfulness, and safety to support model improvement cycles.
- Authored "gold-standard" training responses to complex prompts, serving as ground-truth data for generative AI fine-tuning pipelines.
- Conducted thorough fact-checking and research to detect and correct AI hallucinations and factual errors across diverse domains.
- Applied RLHF techniques to guide model reasoning and conversational tone, consistently maintaining high data quality under evolving project guidelines.

TECHNICAL SKILLS

Languages & Frameworks

Python	JavaScript	React	HTML/CSS	Java	C#	C++	SQL	PostgreSQL	Swift
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AI & Machine Learning

Generative AI	LLM Evaluation	RLHF	Prompt Engineering	Agentic AI	AI Training
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Tools & Platforms

Git	Linux	Google Cloud	Google Workspace	Web Applications	Software Testing
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System Architecture

Agentic Sandboxing	ETL Pipeline Design	Execution Trace Analysis	Algorithmic Verification
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Methodologies

Human-in-the-Loop (HITL) Engineering	Technical Logic Auditing	Objective Peer Review
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EDUCATION

Bachelor of Science in Computer Science

Maestro AI University (Remote) • December 2025 – Present

ADDITIONAL INFORMATION

Authorized to work in the US for any employer • Languages: English (Native)