CRYSTAL PRESLEY

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PROFESSIONAL SUMMARY

AI red teamer (LLM generalist) who thinks like an adversary and documents like an auditor: designing creative, adversarial prompts and multi-turn scenarios that expose model vulnerabilities across risk categories — unsafe content, bias, broken guardrails, hallucinations, and prompt injection weaknesses — then scoring findings against structured harm taxonomies with clear, reproducible documentation. Hands-on LLM evaluation experience since 2023, platform-qualified across medical and biology domains, with credentialed depth in women's health, menopause, and metabolic nutrition, and a foundation in security operations from eight years in corrections main control. Self-directed, collaborative, and comfortable in feedback-heavy environments.

CORE SKILLS

- Adversarial prompt design & stress testing: creative single- and multi-turn scenarios, including jailbreak, evasion, and prompt injection techniques, built to expose vulnerabilities across risk categories.
- Harm taxonomy & severity scoring: structured-guideline scoring, severity classification, calibrated uncertainty, and negative-scoring axes.
- Failure-mode documentation: clear, reproducible write-ups of what was tried, why, and what it revealed.
- Safety-boundary probing: hallucination identification, safety-drift detection, and edge-case exploration across topics, tones, and scenarios.
- Model evaluation & annotation: response rating, fact-verification, and rubric-based annotation for high-stakes domains.
- Dataset ownership & QA: prompt curation, annotation, quality control, and documentation for consistently high-quality outputs.
- Written communication: precise, rubric-aligned reporting in English.
- Security operations background: main control room operations, access control, incident response, and emergency management in a 24/7 high-stakes environment.
- Domain expertise: women's health, menopause/longevity, metabolic health, macronutrient distribution (NASM-certified).
- AI ethics: foundational coursework in AI ethics, biomedical ethics, and human-centered AI systems design (in progress).
- Agent development: evaluation and scenario design for agentic task workflows.

PROFESSIONAL EXPERIENCE

AI Data Annotator — Evaluation & Red Teaming (Multi-Domain SME) | DataAnnotation.tech — Remote | May 2026 – Present

- Design adversarial prompts and multi-turn stress-test scenarios that probe safety boundaries, logical consistency, and clinical accuracy in LLM outputs.
- Earned platform qualifications in medical and biology domains; evaluate model outputs on medical and legal SME projects where errors carry clinical and legal consequences.
- Rate and fact-verify model responses against strict rubrics; identify hallucinations and flag unsafe, inaccurate, or harmful outputs.
- Apply health SME expertise to intercept unsafe dieting, metabolic, and clinical claims in generated content, including toxic dieting behaviors.
- Own evaluation datasets end-to-end: prompt curation, annotation, quality control, and reproducible documentation.
- Working live-server evaluation projects since early September across roughly 20 project versions.

Nutritionist & Strength Coach — Independent Practice | Remote | 2020 – Present

- Design evidence-based lifestyle and metabolic interventions, specializing in hormone-related shifts during menopause.
- Translate peer-reviewed research into safe, protocol-driven coaching programs and precise written client guidance.

Main Control Room Operator | South Carolina Department of Corrections | 2002 – 2010

- Operated the main control room of a state correctional facility: centralized monitoring, access control, and the communications hub for all security operations.
- Executed emergency management protocols — incident response, escalation chains, and multi-team coordination under pressure in a 24/7 high-stakes environment.
- Enforced safety and security policy compliance; produced precise, factual incident documentation.

INDEPENDENT PROJECTS

“What AI Gets Wrong About Menopause & Active Women” — Annotated Dataset | Kaggle | 2026

- Auditing common AI-generated claims about menopause and active women against current medical research, identifying evidence-status nuances and factual gaps.
- Building a structured, annotated dataset documenting each failure mode with reproducible findings (in progress; not yet complete).

CERTIFICATIONS

- NASM Certified Personal Trainer (CPT), Certified Nutrition Coach (CNC), Virtual Coaching Specialist
- Specialized Certification in Menopause Wellness; Specialized Certification in Functional Aging / Longevity
- Adult/Child/Infant CPR & AED

EDUCATION

- National Academy of Sports Medicine (NASM) — coursework in exercise science, nutrition, and virtual coaching methodology.
- Foundational coursework in AI ethics, biomedical ethics, and human-centered AI systems design (in progress).
- Self-directed Python coursework for data work (Kaggle).