Ian Alloway

Applied AI Engineer | Evaluation and Agent Systems

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Profile

Builds evaluation tools and agent workflows with Python and TypeScript. Focused on inspectable model behavior, reproducible tests, and practical applications of machine learning.

Selected Projects

SpendAudit | LLM auditor benchmark

Built a 320-item benchmark testing whether LLM auditors match an executable payment policy, with paired prompt-injected memos. Requiring rule-by-rule evidence cut false approvals on clean traces from 34 to 6 and from 47 to 18; injected memos still caused false approvals for every model. The data, all model responses and a recount script are public.

github.com/ianalloway/spendaudit

JuryRig | LLM judge evaluation toolkit

Built a Python toolkit for response-order sensitivity, irrelevant-padding effects, prompt-injection checks, repeated-score consistency, judge panels, and calibration. Uses deterministic fixtures and tests; mock-judge demonstrations do not establish production-model accuracy.

github.com/ianalloway/juryrig

SOLVENT | Agent workflow and policy simulation

Built a staged workflow for quoting, simulated payment, fulfillment, delivery, spending-policy checks, and SQLite accounting. Includes vendor and budget restrictions and a regression test against duplicate revenue entries. Offline demo amounts are simulated.

github.com/ianalloway/solvent-agent

Relevant Experience

AgentsOnly | AI evaluation contractor | Oct 2026 to present

Runs side-by-side evaluations of place pages across two consumer apps, scoring each module and writing structured rationales for QA review.

Handshake AI | AI evaluation contractor | Jun 2026 to Oct 2026

Evaluated frontier coding agents and agent-built applications against structured rubrics across engineering, logic, design, and product quality.

Mercor and Turing | AI evaluation contractor | 2026

Designed agentic evaluation tasks, golden solutions, rubrics, and grader guidance for accounting-domain and evaluation-recipe projects.

Alloway LLC | Founder

Builds applied machine-learning products, analytics tools, and agent systems.

Education

University of South Florida | M.S. Artificial Intelligence

Non-CS track | In progress since Fall 2026

Projected completion: Fall 2027 (tentative; subject to advising and course availability).

University of South Florida | B.S. Information Science

Awarded May 7, 2026 | cum laude | Overall GPA: 3.50/4.00

Technical Tools

Python, TypeScript, JavaScript, SQL; pandas, scikit-learn, XGBoost; React, FastAPI, SQLite; Git and automated tests.