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JON CARR

Software Engineer | AI Model Evaluator | Backend Developer

Experienced software engineer specializing in LLM evaluation, prompt refinement, and full-stack web development with a strong foundation in backend architecture and AI model assessment.

EXPERIENCE

Software Engineer (AI Trainer & LLM Evaluator) | DataAnnotation | March 2025 – Present

- Evaluate large language model (LLM) responses for reasoning quality, factual accuracy, and code correctness in Python-based tasks
- Create detailed assessment rubrics for AI-generated responses, including Chain-of-Thought (CoT) evaluation, code review, and answer quality analysis
- Edit and refine AI-generated Python code and explanations to align with real-world standards and human reasoning expectations
- Execute and verify code locally to ensure successful implementation before advancing conversational workflows
- Synthesize model insights to support AI alignment objectives and improve model behavior through Reinforcement Learning from Human Feedback (RLHF)

Client Service Representative | Rocky Mountain Reserve | September 2024 – February 2025

- Identified and resolved technical issues within the company's financial software platform through systematic documentation of solution patterns
- Collaborated with development teams to escalate critical bugs and propose architectural improvements
- Created comprehensive technical documentation serving as onboarding resources for new team members
- Developed tracking metrics to monitor common client software issues and improve resolution workflows

Student Software Engineer | E2I | January 2024 – August 2024

- Designed and implemented scalable backend architecture for a university-wide study room reservation system
- Built robust RESTful API services handling user authentication, real-time room availability, and messaging functionality
- Developed a comprehensive class registration system with focus on scalable design, data integrity, and system reliability
- Collaborated with frontend developers to ensure seamless API integration and optimal user experience

Senior Capstone Project | Utah Valley University | August 2023 – April 2024

- Led team engineering efforts and managed project lifecycle for a web application connecting brands to social media influencers
- Architected and implemented comprehensive backend systems using modern development practices
- Designed and optimized database schema and API endpoints using Node.js and PostgreSQL to support core business functionality
- Implemented containerization strategy using Docker to ensure consistent development and deployment environments
- Created extensive test suites to verify system reliability and maintain feature correctness

Software Engineer Extended Internship | Nerd United, Lehi, Utah | May 2022 – October 2022

- Independently designed and implemented a Slackbot automation tool to improve customer support efficiency
- Contributed to backend development of a cryptocurrency wallet application, focusing on transaction security and data integrity
- Created comprehensive technical documentation for client engineers to streamline onboarding and reduce support requests
- Participated in code reviews to maintain high code quality standards and ensure maintainability across team projects

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EDUCATION

B.S. Software Engineering | Utah Valley University | August 2020 – May 2024

TECHNICAL SKILLS

Proficient: Python, JavaScript, GitHub, Docker, REST APIs, AI Model Evaluation, Prompt Engineering, LLM Feedback

Familiar: React, TypeScript, Express, Jest, Java, PostgreSQL, MongoDB