

ESHAAN PUNALEKAR

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EDUCATION

University of California, Irvine

B.S. Computer Science (Spec. Intelligent Systems); Minor: Innovation and Entrepreneurship

Irvine, CA

June 2027

WORK EXPERIENCE

CliftonLarsonAllen

Data and Automation Intern

Irvine, CA

June 2026 - PRESENT

- Built human-review approval workflows, in-app preview cards, an admin page for prompt versioning, and a PowerPoint connector for an internal AI platform converting client meeting transcripts into structured automation opportunities and solutions.
- Produced Risk, Value, and Change executive summaries from client discovery calls, supporting enterprise AI adoption assessments.
- Currently integrating Sage Intacct's MCP server to connect ERP financial data into agentic AI workflows for client engagements.

Emergence AI

Machine Learning Intern

Irvine, CA

July 2025 - Sep 2025

- Built a standalone compliance MCP server, decoupling agent from platform infrastructure and standardizing MCP development.
- Deployed MCP server to Emergence's CRAFT platform, a natural-language interface for enterprise agent workflows.
- Implemented API auth, health/logs endpoints, and Dockerized configs to unify local, staging, and production deployments.
- Standardized Markdown rendering pipelines, improving reliability and reducing latency across multiple connector agents.

Shift Technology

Data Science Intern

Boston, MA

July 2024 - Sep 2024

- Extracted and structured medical codes from healthcare PDFs to build a unified dataset for downstream AI workflows.
- Refined LangChain prompt pipelines for CPT↔ICD-10 relevance mapping, improving output consistency and accuracy.
- Labeled and validated hundreds of healthcare documents in Label Studio to strengthen LLM evaluation datasets.
- Delivered code-usage insights informing high-impact billing group selection and claims-evaluation model improvements.

Scienaptic AI

Data Science Intern

New York, USA

June 2023 - July 2023

- Refined demographic datasets with Pandas, improving data quality for credit risk modeling pipelines across 3000+ counties.
- Engineered economic and demographic features that enhanced underwriting accuracy and model interpretability significantly.
- Analyzed county risk patterns and delivered actionable insights, informing lending probability and credit modeling decisions.
- Built reproducible analysis workflows that stabilized risk models and streamlined future data updates efficiently.

PROJECTS

ReturnGuard | Next.js, TypeScript, PostgreSQL, Prisma, Anthropic API, Clerk

July 2026

- Full-stack receipt-tracking app using Claude's vision API to extract items and compute return/warranty deadlines against a self-researched policy database covering 70+ policies across 50 retailers.
- Implemented multi-user auth, automated email reminders via cron jobs, and unit-tested deadline logic; deployed on Vercel.

Scout | Next.js, TypeScript, FastAPI, PostgreSQL, Clerk, Anthropic API

March 2026 - PRESENT

- Full-stack multi-sport recruiting platform with AI resume generation, coach outreach emails, and vector-based college matching.
- Engineered a browser-based highlight video compiler with FFmpeg.wasm for client-side stitching and Google Drive MCP export.

ADDITIONAL

VP of Finance | Kappa Sigma Fraternity

Jan 2024 - Jan 2025

- Managed \$50,000+ budget for 50+ members; prepared financial models and reports for chapter leadership.
- Raised \$7,000 for a Military Heroes philanthropy campaign and planned chapter events, negotiating venue and vendor contracts.

Skills: Python, C++, SQL, JavaScript, MLOps, Azure Foundry, Databricks, Docker, Postman, Power Apps, Power Automate, PyTorch, sklearn, LangChain, Pandas, OpenCV, SciPy

Coursework: Machine Learning & AI, Computer Vision, Information Retrieval, Algorithms, System Design, Probability in CS

Awards: Dean's Honor List 2024-2026; Senior Class Valedictorian; CIF Scholastic Championship & President's List