Shane Reyes

Concord, CA | U.S. Army Veteran | (925) 566-4155 | shanekellyreyes@gmail.com
linkedin.com/in/shanekellyreyes | github.com/shanekellyreyes

Education

California State University, East Bay Expected Dec. 2026
B.S. Computer Science, GPA: 3.83 | Dean's List *Hayward, CA*

Diablo Valley College May 2024
Associate in Computer Science *Pleasant Hill, CA*

Experience

AI Automation Intern June 2026 – Aug. 2026
Lawrence Berkeley National Laboratory *Berkeley, CA*

- Built an AI-assisted Smart Mailbox with JavaScript, Apps Script, Workspace APIs, Forms, and Sheets, giving finance analysts one place to triage and track requests across roughly $50M/year in operations.
- Converted Gemini output into 31-field structured records so analysts could review, assign, search, and report on requests from one consistent source instead of manually piecing details together.
- Added thread matching, duplicate prevention, status tracking, and 24/36-hour SLA alerts so follow-ups stayed with the right request, duplicate work was avoided, and aging items surfaced before deadlines.

Technical Team Lead Dec. 2025 – Apr. 2026
HackHayward 2026 – CSU East Bay Collegiate Hackathon *Hayward, CA*

- Led technical operations for 150+ participants across Devpost, testing, judging, and event-day support so hackers could submit on time and judges could review projects without workflow breakdowns.
- Built Python and Google Apps Script workflows to manage $10K+ in sponsor credits, preventing duplicate sends and getting late-registering teams access without manual cleanup or rework.
- Created runbooks, testing procedures, and escalation paths so volunteers could resolve common issues faster and keep participants moving through submission and judging during the event.

Regional Coordinator July 2025 – Jan. 2026
Ways Home Care LLC *Antioch, CA*

- Converted manual onboarding documents into structured digital workflows, cutting processing time 60% from 5 days to 2 days so the new Bay Area branch could onboard staff faster.
- Coordinated scheduling for 20+ caregivers across availability and client needs, eliminating double-booking while maintaining a 98% shift coverage rate for families relying on consistent care.
- Partnered with branch leadership, clients, and caregivers on assessments, staff matching, and issue resolution, helping place the right caregivers with clients and keep daily operations running smoothly.

Projects

AI Study Coach
React, TypeScript, FastAPI, PostgreSQL, Supabase, LLM APIs

- Built a full-stack study application that turns course material into active-recall practice, helping students study from their own notes instead of relying only on passive rereading.
- Stored users, sessions, questions, attempts, and results in PostgreSQL so study recommendations could adapt to learner performance over time and provide more personalized practice.
- Separated AI-generated content from core application state so errors were easier to catch and new features could be tested without risking students' saved progress or study history.

Coach Knux
Python, OpenCV, MediaPipe, Streamlit, pytest, GitHub Actions

- Built a Python computer-vision app that analyzes training video with OpenCV and MediaPipe, giving users repeatable feedback on guard, chin position, and stance they can act on.
- Added visual debug overlays and structured detector outputs so incorrect scoring could be traced and reviewed before it turned into confusing feedback for users.
- Added pytest and GitHub Actions checks so scoring changes were tested automatically before merge, reducing the chance that an update silently changed a user's results.

Technical Skills

Languages	Python, TypeScript, JavaScript, SQL, Java, C++, HTML/CSS
Backend / Web	FastAPI, Node.js, React, REST APIs, PostgreSQL, Supabase, Streamlit
Testing / Tools	pytest, GitHub Actions, Git/GitHub, Docker, Google Apps Script, Figma
AI / Data	LLM APIs, Gemini, structured outputs, OpenCV, MediaPipe, pandas, NumPy