

# Kevin Wong

Software Engineer

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## Education

**California State Polytechnic University - Pomona**

Aug. 2021 - May 2025

*Computer Science, Bachelor of Science - Summa Cum Laude*

GPA: 3.94

**Relevant Coursework:** Software Engineering, Object-Oriented Programming, Big Data Analytics and Cloud Computing

## Certifications

**AWS Certified Cloud Practitioner**

Mar. 2025

## Technical Skills

**Languages:** Python, JavaScript/TypeScript, Java, SQL

**Frameworks:** Express, Next, React, FastAPI, Flask

**Developer Tools:** Amazon Web Services, Git, Pandas, Firebase, MongoDB, Oracle Developer, Docker, Linux, Bash

## Relevant Experience

**Data Analytics Intern**

Jun. 2025 - Present

*Hyundai AutoEver America*

*Costa Mesa, CA*

- Designed and deployed an end-to-end SLA monitoring solution that automated Dynatrace API ingestion and surfaced real-time insights through an interactive **Node.js/Express** dashboard; replaced manual tracking with system that empowers management to identify underperforming services and prioritize fixes across **high-impact, customer-facing** platforms.
- Automated **real-time** SLA and uptime monitoring with Python + Task Scheduler, extracting Dynatrace API data into Power BI for weekly service health reports.
- Designed interactive Power BI dashboards (high-usage vehicles, API heatmaps, delta% trends) that guided API optimization and ETL planning in management briefings.
- Cut raw CSV size by **90%** and sped up Power BI refreshes by **60%** by optimizing multi-GB pipelines in Python (Pandas), enabling faster analysis for leadership.

**Tech Fellow**

May 2025 - Present

*CodePath*

*Remote*

- Selected as 1 of 224 Tech Fellows supporting **7,800+** students in CodePath's technical interview course through live instruction, mentorship, and debugging.
- Leading group breakout sessions, explained algorithms and data structures, and guided students via Zoom and Slack to boost comprehension and confidence.

**Full Stack Software Developer**

Aug. 2024 - Present

*AI-in-Construction Technology Initiative*

*Pomona, CA*

- Building multi-model LLM chatbot (GPT + domain-fine-tuned models) via REST APIs, reducing response latency by **40%** and streamlining construction workflows across Precon, Con, and Postcon phases.
- Training proprietary AI models on real construction firm data to address domain-specific performance gaps in open-source LLMs; driving commercialization roadmap with Cal Poly Pomona faculty and cross-disciplinary team.

**Full Stack Software Engineer Intern**

Jan. 2025 - Jun. 2025

*Up Cancer*

*Remote*

- Refactored legacy CRM and designed serverless backend with DynamoDB, reducing API latency and prepping for AWS deployment (EC2, Lambda).
- Led backend integration across user flows, connecting Figma designs to backend APIs and ensuring seamless data delivery.

## Projects

**PomonaCare** | *JavaScript, React, Express, OpenAI, REST APIs*

Apr. 2025 - Jun. 2025

- Led backend development for AI-powered healthcare platform using Express and OpenAI GPT-4 Turbo, integrating document translation, symptom matching, and bilingual chatbot to support non-English-speaking families.
- Boosted OCR accuracy by **70%** via Tesseract.js integration; optimized backend for scanned document parsing and multilingual chatbot personalization, improving retention and accessibility.

**FinSight** | *FastAPI, Postgres, Redis, Celery, APScheduler, Next.js, Docker*

Jan. 2025 - Present

- Developed a personalized finance intelligence platform integrating real-time RSS/API ingestion, two-stage AI summarization, vector search, and multi-armed bandit algorithms, increasing suggestion CTR by **20-25%**.
- Optimized AI costs by locally filtering/ranking **50** finance articles, cutting GPT-5 usage by **80%** and keeping latency under **1.5s** from ingestion to UI.