

Kyle Ton

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EDUCATION

California State University, Fullerton

Fullerton, CA

Bachelor's of Science in Computer Science

Expected Graduation: Jun 2027

Relevant Coursework: Object-Oriented Design and Programming, Computer Architecture and Assembly, Data Structures in C++, Discrete Mathematics, Linear Algebra, Differential Equations, Single and Multivariable Calculus

EXPERIENCE

Fullstack/AI Engineering Intern

Oct 2024 – Dec 2024

PM Accelerator

Remote, CA

- Increased resume keyword relevance by **15%** by developing a full-stack resume enhancement application that applied **LLM-powered trend analysis** and **trend-based keyword extraction**
- Reduced overall backend processing time by **20%** through **configuration of asynchronous Celery workers** with **Redis** and **Heroku**, accelerating **resume enhancement requests**
- Engineered a scalable resume database by structuring **MongoDB documents indexed by Google ID**, supporting **100+ user profiles** with secure access and retrieval

Software Engineering Intern

Aug 2024 - Oct 2024

Trace

Garden Grove, CA

- Automated version control tracking for **1000+ camera devices** using a Python-based logging tool, increasing **documentation accuracy and deployment traceability**
- Reduced troubleshooting time by **40%** by scripting **remote camera control with Paramiko SSH**, providing remote access and diagnostics from off-site terminals, reducing testing and validation time by 10 hours per week
- Diagnosed hardware issues by testing **Baud rate configurations** and **validating data integrity** during camera firmware updates

AI Trainer - Language Models

Jun 2024 – Dec 2024

DataAnnotation

Remote, CA

- Evaluated **10+ Small Language Models (SLMs)** across diverse datasets, identifying improvement areas for **natural language generation accuracy and contextual relevance**
- Performed **650+ multilingual code reviews** across **Python, Java, C++, HTML**, addressing solution correctness, algorithmic efficiency, and LLM reasoning
- Verified AI-generated responses across **technical, scientific, and linguistic domains**, ensuring subject alignment and response value

PROJECTS

E-Commerce Spending Predictor | *NumPy, Pandas, Seaborn, Scikit-learn*

Apr 2025

- Developed and trained a **multi-feature linear regression model** to forecast online spending behavior with **98.4% accuracy**, trained using **stochastic gradient descent with cross-validation**
- Visualized dataset trends with **Seaborn**, highlighting key user spending patterns across categories and timeframes

StockSense | *Next.js, Java, Spring-Boot, PostgreSQL, AWS S3, Docker, Redis*

Feb 2025 - Apr 2025

- Built a real-time stock market platform combining **React-based UI** with a Spring Boot backend, delivering live prices, sentiment-tagged news, and storage in **AWS S3**
- Integrated **Google OAuth 2.0** and session-based authentication using **Spring Security**, persisting user data in **PostgreSQL**, maintaining automating deployments with **Github Actions**

Grievance Guru | *React, Next.js, JavaScript, HTML/CSS, OpenAI API*

Aug 2024

- Designed a full-stack platform for **complaint classification** using **OpenAI GPT-3.5 Turbo**, identifying sentiment and category in user-generated content
- Engineered a backend parser to convert unstructured complaints into **structured JSON**, storing and querying 800+ results via **PostgreSQL** for administrative usage and insight

TECHNICAL SKILLS

Programming Languages: Java, Python, C++, SQL, JavaScript, HTML/CSS

Frameworks/Databases: React.js, Next.js, Spring Boot, FastAPI, MongoDB, PostgreSQL

Tools/Platforms: Git, Postman, Docker, Redis, Github Actions, AWS

Machine Learning: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn