

# Kyle Ton

 [www.kylehton.com](http://www.kylehton.com) |  [tonkyle06@gmail.com](mailto:tonkyle06@gmail.com) |  [in/kylehton](https://in.kylehton) |  [github.com/kylehton](https://github.com/kylehton)

## EDUCATION

### Orange Coast College

Costa Mesa, CA

*Associate's for Transfer in Computer Science*

*Expected Transfer: Aug 2025*

Relevant Coursework: Object Oriented 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 architecting a **full-stack resume enhancement application** that applied trend analysis and AI-driven keyword optimization.
- Reduced overall backend processing time by 20% by configuring Celery workers hosted with Redis and Heroku for **asynchronous task handling** in a FastAPI microservice
- Designed a scalable document storage system by structuring **MongoDB** documents with Google ID, efficiently managing over 100 stored resumes.

### Software Engineering Intern

Aug 2024 - Oct 2024

*Trace*

*Garden Grove, CA*

- Streamlined camera version tracking by **automating Python-based version control logging**, improving documentation accuracy for 1000+ devices
- Reduced manual troubleshooting time by 40% by **developing a remote camera control script** with Paramiko SSH, enabling faster connectivity testing
- Troubleshooted new version issues through testing Baud rates of camera modules, verifying recorded data storage and retrieval

### AI Trainer - Language Models

Jun 2024 – Dec 2024

*DataAnnotation*

*Remote, CA*

- Trained and fine-tuned 10+ Generative AI Small Language Models (SLMs) across diverse datasets, enhancing relevance, coherence, and contextual accuracy.
- Conducted 650+ comprehensive code evaluations across Python, Java, C++, and HTML, validating syntax, execution correctness, and optimal solution structure.
- Researched and validated AI-generated responses across programming, natural sciences, and multilingual prompts, ensuring domain accuracy and instructional quality.

## PROJECTS

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

Apr 2025

- Developed and trained a **multi-feature linear regression (SGD) model**, achieving a 98.4% accuracy level
- Utilized **gradient descent** to minimize cost function, corroborated using **cross-validation** testing

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

Feb 2025 - Apr 2025

- Created a **full-stack stock analysis application** using **Next.js** and **Spring Boot**, displaying real-time stock information and compiling recent news with sentiment scores stored in **AWS S3**.
- Implemented secure **Google OAuth 2.0** authentication with **Spring Security**, managing user sessions and storing Google IDs and profile data in a **PostgreSQL** database, maintaining **CI/CD** with Github Actions.

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

Aug 2024

- Produced frontend and backend for complaint categorizations using Generative AI and NLP
- Built a JSON parser with **OpenAI GPT-3.5 Turbo** to identify complaint categories, storing structured data in a **PostgreSQL** database

## 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, AWS

**Machine Learning:** NumPy, Matplotlib/Seaborn, Scikit-learn