

# Justin Truong

267-686-1500 | [JustinTruong456@gmail.com](mailto:JustinTruong456@gmail.com) | [linkedin.com/in/justin-truong-456PA](https://www.linkedin.com/in/justin-truong-456PA) | | [justintruong456.dev](https://justintruong456.dev)

## EDUCATION

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### Temple University

Philadelphia, PA

*Bachelor of Science in Computer Science, Minor in Data Science — GPA: 3.87*

*May 2025*

- **Activities:** Temple University Esports Club, Temple Trading Technology Club
- **Honors:** Graduated with Distinction in Major, Dean's List (6 of 8 semesters), Seda Tarzian Endowed Scholarship
- **Relevant Coursework:** Data Structures and Algorithms, Calculus III, Operating Systems, UX Design, Principle of Data Science, Cloud Computing, Software Design, Foundations of Machine Learning

## TECHNICAL SKILLS

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**Languages:** Java, Python, C, SQL, JavaScript, HTML/CSS, AWS

**Frameworks/Libraries:** React, Node.js, Flask, JUnit, Pandas, NumPy, Scikit-learn

**Developer Tools:** Git, Docker, Google Cloud Platform, VS Code, Figma, PyCharm, IntelliJ, Eclipse

## PROJECTS

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### Bio-informatics Chatbot | *Python, Flask, React, PostgreSQL, Docker, Ollama*

January – May 2025

- Engineered a Chatbot using Retrieval Augmented Generation (RAG) to assist bioinformatics researchers with quickly access to accurate answers, context-based answers
- Integrated generative AI Ollama Large Language Model (LLM) with a custom vector PostgreSQL database of academic resources for highly relevant and precise responses
- Containerized and deployed the application with Docker for improving scalability, environment consistency, and deployment efficiency

### Temple Food Rating Website | *React, MySQL, Spring Boot, Git, HTML/CSS*

September – December 2024

- Created a campus focused React web app enabling students to discover and rate nearby dining options
- Designed and implemented a secure MySQL-backed REST API to manage user authentication and review submissions, ensuring data integrity and seamless user experiences
- Deployed the full-stack application on Apache Tomcat onto Temple server environments for reliable performance and consistent up time.

### GaiNs.ai | *React, JavaScript, Bootstrap, HTML/CSS, Django, OpenAI API, YouTube API*

March – May 2024

- Engineered a full-stack wellness platform that leverages the ChatGPT API and embedded YouTube fitness resources to generate dynamic, personalized workout and diet plans for beginner users
- Designed and implemented secure authentication and session management using Django's built-in auth system, supporting persistent user profiles and plan customization
- Developed a Django backend to securely store and manage user input and workout data, improving data accessibility and scalability

### Car Price Prediction Model | *Python, Scikit-learn, Pandas, NumPy, Matplotlib*

April – May 2024

- Built and evaluated regression models including Linear Regression and Random Forest Regressor using Scikit-learn to predict vehicle prices based on features such as model year, mileage, and engine specifications
- Performed comprehensive data preprocessing including missing value handling, feature encoding, normalization, and exploratory data analysis to improve model performance
- Validated model performance using cross validation and evaluation metrics ( $R^2$ , MAE, RMSE), optimizing hyperparameter to improve predictive accuracy

## EXPERIENCE

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### Amazon Fulfillment Center

July 2025 – Present

*Warehouse Associate*

*Philadelphia, PA*

- Processed and fulfilled 300+ customer orders per shift with high accuracy in a fast paced warehouse environment
- Collaborated with cross functional teams to meet daily productivity targets and maintain on time shipment performance

### Dim Sum House by Jane G's

September 2023 – June 2024

*Support Staff (Food Runner/Busser)*

*Philadelphia, PA*

- Maintained efficient dining room operations by coordinating with servers, kitchen staff, and a 5–7 member team to ensure accurate and timely food delivery during peak hours