

# Dai Thang Tran

## Career Objective

As a highly motivated computer science graduate, I am eager to launch my career in software development and apply my programming skills to real-world challenges. I am committed to contributing to a dynamic team, continuously learning new technologies, and gaining practical experience to excel in my role.

## Work History

07/2023 - Present

### Los Angeles Department of Water and Power

Los Angeles, CA

### Student Professional Worker

- Collaborating with stakeholders to gather and analyze system requirements. This involves understanding business needs and translating them into technical specifications.
- Creating detailed system design documents and technical specifications. This includes defining system architecture, data structures, and workflows to meet the specified requirements.
- Ensuring that systems are secure and compliant with relevant regulations and industry standards. Implementing security protocols and monitoring for potential threats.
- Maintaining comprehensive documentation of system configurations, processes, and procedures. This documentation is crucial for troubleshooting, training, and system audits.

05/2023 - Present

### Break Through Tech

Los Angeles, CA

### Break Through Tech AI Student at UCLA

- Developed and implemented machine learning models for IoT network outage prediction, reducing unplanned network downtime by 40%.
- Engineered features from large-scale IoT data, performed data preprocessing, and integrated the predictive model for real-time monitoring within the IoT network infrastructure.
- Achieved improved network reliability and cost savings through proactive maintenance, alerting mechanisms, and scalable solutions, demonstrating proficiency in machine learning and data analytics.

07/2017 - 08/2018

### FPT Software

Ho Chi Minh, VN

### Research & Analysis Assistance

- Develop solutions to address critical operational challenges and sources of conflict.
- Worked both independently and collaboratively in fast-paced laboratory environment.
- Performed statistical, qualitative, and quantitative analysis.
- Gathered, arranged, and corrected research data to create representative graphs and charts highlighting results for presentations.
- Attended seminars and symposiums to improve overall knowledge and understanding.

## Education

08/2022 - 05/2024

California State University,  
Los Angeles

### Bachelor of Science in Computer Science

GPA: 3.92/4.00

02/2020 - 06/2022

El Camino College

### Associate of Science

GPA: 3.58/4.00

- Awarded Emerging Leaders and Scholars in STEM Academy

## Contact



### Address

Gardena, CA 90247



### Phone

(424) 340-4475



### Email

[thangtran1417@gmail.com](mailto:thangtran1417@gmail.com)



### LinkedIn

<https://www.linkedin.com/in/thang-summer-tran/>

## Skills

C, C++, Java, SQL, MYSQL, Python,  
HTML/CSS, JDBC, JavaScript, jQuery

Git, Powershell, Linux, VS Code, Numpy,  
Pandas, PySpark, Tableau

Collaboration, Leadership, Multitasking,  
Problem solving, Time management