

# Deborah Shaw

Fullerton, CA, 92831 [debshaw01@yahoo.com](mailto:debshaw01@yahoo.com) (Preferred)

## Summary

Dynamic professional transitioning from a background in economics to computer science, with a strong foundation in data analysis and a passion for leveraging technology to solve complex problems.

## Education

### Master of Science in Computer Science

May 2025

California State University Fullerton

## Work Experience

### Supply Chain Analyst

June 2022 to August 2023

Brentwood Originals Inc. – Long Beach, CA

- Coordinated shipments from China and India, ensuring timely and cost-effective delivery of goods.
- Developed and maintained purchasing forecasts based on prior year's sales data for each customer, improving accuracy and reducing overstock.
- Managed inventory levels by analyzing individual customer order histories and seasonal demand, optimizing stock availability and minimizing excess inventory.
- Collaborated with the IT department to optimize the supply chain management database, enhancing data relationships and improving user query prompts. Utilized this enhanced database to track and manage orders, inventory, and shipments, significantly improving efficiency and data accuracy.

## Skills

MySQL, NoSQL, Database, Data Structures and Algorithms, SDLC, C#, Java, HTML, CSS, JavaScript, Bootstrap, ReactJS, JQuery, JavaScript, AJAX, Node.js and Express, Flask, Django, Postman, FastAPI, Docker, MongoDB, Jupyter, Google Colab, PyTorch, TensorFlow, Scikit-Learn, Keras, Pandas, Android Studio, IntelliJ, VS Code, Replit

## Research

Developing Efficient Data Structures: Conducted research focused on creating simpler data structures with performance equivalent to Fibonacci Heaps.

## Projects

Movie Rating and Commenting System

E-commerce Shopping App