

Lien Dao

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TECHNOLOGIES/SKILLS

Languages | Python, Java, JavaScript, SQL, HTML, CSS

Frameworks & Libraries | Flask, React, Jinja, SQLAlchemy, Fetch API, Bootstrap

Database & Industry Tools | Command Line, Git, Github, PostgreSQL, MySQL, Pandas

Tools/Software | Pycharm, Visual Code Studio, Webstorm, Tableau

EDUCATION AND TRAINING

Hackbright Academy, San Francisco, CA

May 2023 - Nov 2023

Software Engineering Fellowship - Accelerated, software engineering program

Foreign Trade University, Ho Chi Minh City

May 2008 – Oct 2012

Bachelor of Business Administration - Graduated with Distinction

PROFESSIONAL EXPERIENCE

Software Engineer Intern - AI Platform

Mar 2024 – May 2024

Rockship, Singapore, Remote

- Collaborated on the development of a financial data extraction tool utilizing Retrieval-Augmented Generation (RAG) with a Large Language Model (LLM)
- Developed both frontend and backend components for importing financial documents and pre-processing them for retriever model training
- Troubleshoot data loading issues during training jobs and executed comprehensive data cleaning procedures, including handling missing data, eliminating duplicate entries, rectifying inconsistent data, and removing outliers
- Worked in synergy with cross-functional teams to ensure seamless integration of AI models into existing applications

Student Engineer - Walmart Sponsorship Recipient

May 2023 – Nov 2023

Hackbright Academy, San Francisco, CA

- One of 28 candidates nationwide who have been awarded a full scholarship by Walmart to study full-stack software engineering
- Developed proficiency in data structures, algorithms, testing, front-end, back-end, and database programming using Java, Python, JavaScript, HTML, and Bootstrap
- Worked on daily lab projects involving database development, testing, API utilization, and session creation

Senior Channel Sales Analytic Manager

April 2017 – Jan 2019

Nestle, Ho Chi Minh City

- Utilized Python, SQL to revise category planning and go-to-market strategies, reducing data processing time by 50%
- Established data monitoring processes for new product launches, resulting in 9% sales value KPI improvement, collaborated with supply and demand teams to enhance forecast accuracy from 94% to 98%

PROJECTS

Letswap | Python, Flask, SQLAlchemy, Postgresql database, Javascript, React, Google Map API

- Developed a full-stack web application for facilitating item exchanges
- Integrated Google Maps API for location-based services, including proximity calculations
- Elevated user security by implementing robust password hashing techniques, ensuring the protection of user data
- Designed an interactive and responsive front-end using JavaScript, HTML, CSS and React

Dragon Shooting Game | Python, Pygame

- Envisioned and crafted "Dragon Shooting," a Python-based game, building it entirely from the ground up while harnessing the capabilities of the Pygame library
- Implemented engaging game mechanics, including player and enemy movement, shooting mechanics