

Hieu Bui

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EDUCATION

Santa Clara University | Santa Clara, CA

Expected Graduation: *June 2026*

B.S. in Commerce — Management Information Systems

Relevant Coursework: Statistics & Data Analysis I & II, Database Management, Data Science with Python, Calculus III, Linear Algebra, Social Media Analytics

Stanford University | Stanford, CA

Summer 2025

Cross-Enrolled Student

- DataSci112 - Principles of Data Science
- Stats202 - Statistical Learning and Data Science

West Valley College | Saratoga, CA

Dec 2023

A.S. in Business Administration

CERTIFICATIONS

- NVIDIA-Certified Associate: Accelerated Data *Science* *Mar 2026*
- NVIDIA DLI – Getting Started with Deep Learning *In Progress*

PROJECTS

Customer Behavior & Revenue Prediction

- Built an end-to-end ML pipeline (EDA → feature engineering → model training/evaluation) on 12,330 shopper sessions using Pandas, Matplotlib, and Scikit-Learn.
- Trained and evaluated ML models (Decision Tree, Random Forest, XGBoost, KNN), achieving 90% accuracy with Random Forest and delivering actionable business insights.

AI Hackathon – Emergency Vehicle Alert App

- Led a 5-person team to design and deploy an AI-driven emergency vehicle alert app using AWS Bedrock and SageMaker.
- Built and launched an MVP within 24 hours in a fast-paced hackathon environment.
- Scoped product vision, prioritized features, and pitched the final solution.

Amazon Database & Implementation

- Built a scalable SQL database for product search, cart tracking, and purchases with 3NF normalization.
- Developed queries, joins, and views to streamline shopping and order workflows.

TECHNICAL SKILLS

Languages & Tools: Python, R, SQL, C++, Bash, Docker, Git, Linux, AWS (EC2, S3)

Data & ML: NumPy, Pandas, Matplotlib, Scikit-Learn, Statistical Analysis, Supervised & Unsupervised Learning

NLP & Mining: Text Mining, Graph Mining, Natural Language Processing, Sentiment Analysis

Soft Skills: Communication, Collaboration, Problem Solving, Learning Agility

WORK EXPERIENCE

American Furniture Galleries | Clerical Administrative

Mar 2024 – Aug 2024

- Designed GPS route data reporting workflows, achieving 95% route adherence and supporting cost-reduction strategy.
- Built data summarization reports from raw GPS datasets, cutting managerial review time by an estimated 30% and enabling faster operational decisions.
- Collaborated cross-functionally with material handlers to reduce loading discrepancies by 98%.