

FRANK THAINGTHAM

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EDUCATION

University of North Carolina at Chapel Hill — Chapel Hill, NC Expected Spring 2026
B.S. Statistics & Analytics
Relevant Coursework: Data Science; Methods of Data Analysis; Database Concepts & Applications;
Programming for Information Science; Data Structures; Intro to Optimization; Intro to Data Models & Inference;
Math for Data Science; Linear Algebra for Applications

EXPERIENCE

Parexel International Corporation — Durham, NC May 2025 – Aug 2025
Technology Analysis Intern

- Led a Windows 11 migration for 1,000+ devices using Microsoft Autopilot and deployment scripts to improve rollout speed and consistency.
- Built an Excel-based deployment tracker and automated scanner workflows to reduce manual processing and improve device tracking accuracy.
- Supported an IT infrastructure modernization initiative projected to save ~\$1M annually through process efficiency and standardization.

UNC Arts & Sciences Information Service — Chapel Hill, NC Aug 2023 – May 2025
IT Support Technician

- Analyzed service/system performance data and implemented process improvements to increase IT support efficiency and reduce repeat issues.
- Developed a searchable knowledge base and training materials to improve self-service resolution and user proficiency.
- Supported IT inventory management using database systems to improve tracking accuracy and resource allocation.
- Documented fixes, identified root causes, and standardized workflows to improve consistency across support.

Southeast Asian Student Association — Chapel Hill, NC Aug 2024 – May 2025
Treasurer

- Secured \$6,000 in additional senate funding and generated \$10,000 in new income through events and fundraising initiatives.
- Produced financial reports and visualizations to guide executive board decisions and long-term planning.

PROJECTS

Personal Site + Blog Platform (In Progress) github.com/FrankThaingtham/personal-website

- Building a Next.js portfolio + blog with passwordless email-code login (OTP) and member-only features.
- Implementing PostgreSQL (Supabase) to store user preferences + saved posts; securing data with Row Level Security (RLS).
- Deploying on Cloudflare Pages with Cloudflare Analytics + newsletter signup integration.

Sports Analytics Prediction Model github.com/FrankThaingtham/triangle-acc-spread-model

- Built regression + XGBoost models to forecast basketball outcomes using historical game data.
- Identified key predictive features to improve model signal quality and interpretability.

SKILLS

Languages: Python, SQL (PostgreSQL), R, JavaScript
Data & Analytics: Excel, data cleaning, KPI tracking, reporting, regression, XGBoost, feature engineering
Databases: PostgreSQL, Supabase, Row Level Security
Web/Dev: [Next.js](https://nextjs.org/), Git/GitHub, Linux/CLI, Cloudflare Pages, Cloudflare Analytics
Interests: Analytics, basketball, tennis, gym/fitness, traveling, poker, gaming