

Phudish Prateepamornkul

+66894941342 | phudishp@gmail.com | phudish_p@berkeley.edu | [LinkedIn](#) | [GitHub](#) | [Google Scholar](#)

EDUCATION

University of California, Berkeley

California, U.S.

Master of Arts in Statistics, GPA: 3.92/4.0

Aug 2023 – Dec 2024

- Relevant Modules: Probability and Statistics at an Advanced Level, Deep Unsupervised Learning, Natural Language Processing, Computer Vision, LLM Agents, Convex Optimization

University of Warwick

Coventry, U.K.

BSc (Hons) Mathematics, First Class Honours (83.02%)

Sep 2020 – Jul 2023

- Ranked top 10 of 200+ in cohort; relevant modules: Mathematics of Machine Learning, Neural Computing, Matrix Analysis & Algorithms, Linear Algebra, Stochastic Processes, Programming for Data Science

EXPERIENCE

AI Scientist

Jan 2025 – Present

SCB DataX

Bangkok, Thailand

- Implemented an agentic AI chatbot with LangGraph and RAG over Azure AI Search to map deposit-related natural language queries to SQL, improving SCB finance inquiry processing and contributing to a 5M THB uplift
- Developed a production voice-banking assistant on a multi-agent architecture with LLM-based intent routing, letting users transfer money, pay credit-card bills, and resolve inquiries by voice or text
- Developed the evaluation and observability framework for the voice-banking agent chain: Langfuse distributed tracing and versioned datasets with LLM-as-judge and exact-match metrics, plus a Next.js dashboard on Kubernetes

Research Apprentice

Feb 2026 – Present

SEACrowd Apprentice Program

Remote

- Researching continual learning on compressed KV-cache memory; co-authored a paper accepted at the Context Beyond the Window Workshop, COLM 2026
- Introduced TF-IDF statistical gating and a routed mixture of sub-cartridges for memory updates, improving both retention and acquisition over equal-capacity dense baselines

Graduate Research Assistant

Oct 2024 – Present

Berkeley AI Research (BAIR)

Remote

- Researching knowledge editing and continual learning in LLMs in the Speech Lab with **Akshat Gupta**; published an **EMNLP 2025 Findings paper** scaling knowledge editing to 10,000 edits

PUBLICATIONS

Lifelong Knowledge Editing Requires Better Regularization

EMNLP 2025 Findings

Akshat Gupta*, **Phudish Prateepamornkul***, Maochuan Lu, Ahmed Alaa, Thomas Hartvigsen, Gopala Anumanchipalli (* equal contribution)

AWARDS & HACKATHONS

OphScan | Gold Medal, 19th International Invention and Innovation Show (INTARG), Poland

Jun 2026

- Built an AI-assisted diabetic retinopathy screening tool performing 5-stage severity classification of retinal fundus images with multimodal LLMs (Gemini 3.1 Pro, GPT-5.2, MedGemma), deployed on Google Cloud Run

AI.Here | Winner, SuperAI NEXT Hackathon, Singapore

Jun 2026

- Won the 36-hour hackathon as 1 of 5 champion teams among 76 with an AI nutrition coach connecting wearables (WHOOP, Boditrax) and food-delivery accounts: LLM agents on AWS Bedrock recommend meals from live sleep and recovery data, with vision-based calorie logging from meal photos

Vibe Shopping AI | Winner, SuperAI NEXT Hackathon, Singapore

Jun 2025

- Won as 1 of 4 champion teams with an AI shopping assistant that captions social-media fashion images with a multimodal LLM and matches them to in-stock items from brands such as H&M and Uniqlo via Titan embeddings and OpenSearch kNN vector search

TECHNICAL SKILLS

Languages: Python, SQL, Java, R

Frameworks: FastAPI, Flask, LangGraph, LangChain, React

Developer Tools: Git, Docker, Kubernetes, GCP, AWS, Azure

LLM Evaluation & Observability: Langfuse, DeepEval, LLM-as-judge metrics

Libraries: NumPy, Pandas, SciPy, PySpark, Scikit-learn, PyTorch, HuggingFace, OpenCV

Spoken Languages: Thai (native), English (fluent)