

Binh Le

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EDUCATION

Drexel University

Bachelor of Science in Computer Science, Dean's List, Dean's Ambassador, Course Assistant

Philadelphia, PA

Jun. 2025

EXPERIENCE

Google

Software Engineer Fellow

Jul. 2024 – Sep. 2024

New York, NY

- Outperformed **400+ applicants** to participate in pair programming sessions with Google Software Engineer for 10 weeks, and receive mentorship to prepare for technical and behavioral interviews
- Tackled advanced programming topics such as system design, focusing on improving scalability and performance

Dataing

Software Engineer Intern (TypeScript, React, Swift, Firestore, AWS, Terraform, Docker)

Apr. 2024 – Sep. 2024

Glendale, CA

- Developed infrastructure's data pipeline to automate recurring data retrievals from Meta API endpoints, utilizing Terraform to deploy AWS Lambda functions via scheduled CronJobs with Docker microservice containers
- Resolved authentication vulnerabilities by optimizing verification flow, and **lessened user login time by 50%**
- Spearheaded Google services (Calendar, YouTube) integration for iOS app, ensuring accurate user data extraction
- Integrated iOS client user data upload utilizing PhotoKit, HealthKit in Swift with efficient multiform media handling
- Proposed and implemented Typesaurus schema, leading to a **30% reduction in query response time**

Software Engineering Analytics Research (SOAR) Lab

Research Engineer (Python, Pandas, Matplotlib, Seaborn, Jupyter Notebook, NumPy)

Mar. 2024 – Dec. 2024

Philadelphia, PA

- Co-authored paper identifying security risks of integrating LLM's generative code in software development process
- Highlighted LLM oversights or inaccuracies across **1000+ conversations of DevGPT dataset**, by designing visualization graphs with Matplotlib, assisted in determining correlations between various LLMs
- Engineered data fetching scripts to mine GitHub repository security information, implemented data parsing to eliminate data quality inconsistencies in spreadsheet format

Stanford University

Section Leader

Apr. 2024 – Jun. 2024

Stanford, CA

- Facilitated CS106A Intro To Programming sections, taken by **10,000+ students**, and sustained **70% class retention**
- Educated students in **Python** concepts leveraging Stanford's beginner-friendly libraries such as Karel and TKinter

Meta

ABCS Fellow

Jan. 2024 – Feb. 2024

Menlo Park, CA

- Selected as **top 7% of U.S. applicants** for Meta's program to build a diverse pipeline of future software engineers
- Participated in weekly coding and mock interview sessions among fellows and Meta Software Engineers

VNPT Technology

Software Engineer Intern (Python, Java)

Apr. 2022 - Jun. 2022

Remote

- Programmed Python scripts to clean collected data from 500+ online articles **increasing overall 75% work output**
- Developed backend components for a web app demo to showcase a product development process board

PROJECTS

Viet Dictionary (Tu Dien) | React, JavaScript, Tailwind, Node.js, scikit-learn, Express.js, Node.js, AWS, PostgreSQL

- Building a full-stack application to provide accurate definitions and context for the latest Vietnamese slang, to reconnect and strengthen cultural ties
- Using web scraping and machine learning methodologies such as clustering, classification, and regression to automate trending slang retrieval from various social media platforms

Serenity - DragonHacks X | Flask, React, Python, JavaScript, Hume API, OpenAI API

- Guided a team of 4 on a meeting app capturing interviewee's emotional insights, providing prompts to reduce anxiety
- Achieved prize of **Best Tech Domain award** at DragonHacks 2024 out of 73 projects

Content Creator | YouTube, TikTok, Instagram, Facebook, LinkedIn

- Amassed **1.2+ million followers** including computer science education in captivating content for Vietnamese teens
- Directed marketing strategies totaling **350+ million views** with notable brands (TikTok, VNG, Acer, VTC Games,...)

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, TypeScript, C++, C, Swift, HTML/CSS, Racket, SQL, Bash

Frameworks & Libraries: Flask, Rest API, React, Node, Express, Axios, Firebase, OpenCV, NumPy, Pandas

Tools: Git, GitHub, Postgres, Jupyter, IntelliJ, VS Code, Gradle, Eclipse, XCode, Google Colab, JavaFX