

Binh Le

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EDUCATION

Drexel University

B.S. Computer Science, 3.75 GPA, AJ Drexel Scholarship, Dean's List, Dean's Ambassador, Teaching Assistant

Philadelphia, PA

Jun. 2025

EXPERIENCE

Google

Software Engineer Prep Fellow

Jul. 2024 – Present

New York, NY

- Outperformed **400+ applicants** to participate in pair programming sessions with Google Engineer for 10 weeks, and receive mentorship to prepare for technical and behavioral interviews.

Dataing

Software Engineer Coop - Backend

Apr. 2024 – Present

Glendale, CA

- **Technologies:** TypeScript, Firestore, Typesaurus, React, Swift, API, AWS, Terraform, Kubernetes, Docker
- 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 **30% reduction in query response time**

Software Engineering Analytics Research (SOAR) Lab

Research Assistant

Mar. 2024 – Present

Philadelphia, PA

- **Technologies:** Python, Pandas, Matplotlib, Seaborn, Jupyter Notebook, NumPy, GitHub API
- 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 determining correlations between various LLMs
- Engineered data fetching scripts to retrieve 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
- Featured on student resources for post course completion regarding coding career development and problem solving

Meta

ABCS Fellow

Jan. 2024 – Feb. 2024

Menlo Park, CA

- Selected as **top 7% U.S. applicants** to participate in Meta's data structures and algorithms preparation program

VNPT Technology

Software Engineer Intern - Explore

Apr. 2022 - Jun. 2022

Remote

- Programmed Python scripts to clean collected data from 500+ online articles **increasing overall 75% work output**

PROJECTS

Serenity - DragonHacks X | Flask, React, Python, JavaScript, HumeAPI, ZoomSDK, OpenAI, SQLAlchemy

- Led team of 3 to innovate an interview platform utilizing HumeAPI to display interviewee's live emotional insight
- Achieved prize of **Best Tech Domain award** at DragonHacks 2024 out of 73 projects
- Designed backend with user sessions validation, integrated OpenAI and FullCalendar APIs to streamline scheduling

Adopteam - Philly Codefest 2024 | Flask, React, Python, JavaScript, scikit-learn, Rest API

- Spearheaded machine learning model of multilayer perceptrons that **reached 80% accuracy** in parent-child pairing

Multiplayer Live Snake | JavaScript, Rest API, Phaser, Socket.io, NodeJS, ExpressJS, ngrok

- Developed Object-Oriented Programming game along 3 developers, with CI/CD workflow through GitHub actions

Content Creator | YouTube, TikTok, Instagram, Facebook

- Amassed **1+ million followers** incorporating computer science education in captivating content for Vietnamese teens
- Directed marketing strategies totaling **300+ million views** with notable brands (TikTok, VNG, Acer, VTC Games,...)

TECHNICAL SKILLS

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

Frameworks & Libraries: Flask, Rest API, React, Node, Express, Axios, Firebase, OpenCV, Phaser, Socket.io,

Tools: Git, Postgres, Jupyter, Figma, GitHub, IntelliJ, VS Code, Gradle, PyCharm, Eclipse, XCode