

# Binh Le

718 825-6488 | [binhlequoc09@gmail.com](mailto:binhlequoc09@gmail.com) | [linkedin.com/in/binhlee](https://www.linkedin.com/in/binhlee) | [github.com/binhl3](https://github.com/binhl3)

## EDUCATION

### Drexel University

Philadelphia, PA

Bachelor of Science in Computer Science, 3.80/4.00 GPA, Dean's Ambassador, Dean's List, Teaching Assistant

Sep. 2025

**Affiliations:** CodePath, Drexel AI/Chess, Google GSWEF, Meta ABCS, Stanford Code In Place, Perplexity Ambassador

**Relevant Coursework:** Machine Learning, Linear Algebra, Data Structures & Algorithms, OOP, Concurrent Programming

## EXPERIENCE

### Bentley Systems

Mar. 2025 – Present

Software Engineer Intern (Platforms - iModel Schema Team)

Philadelphia, PA

- Enabled rapid schema debugging for **2000+ engineers** by building WiMSE, a web tool visualizing iModel schemas
- Reduced internal tool latency by 65% (2000ms → 700ms)** by implementing parallel schema fetches and caching in-progress API requests, eliminating redundant loads **across 1000s of daily operations**
- Cut cold start time from **6+ sec to near zero** by optimizing state hydration, improving app responsiveness at scale
- Improved engineering velocity by 140%** by migrating from Azure DevOps to GitHub, automating CI/CD workflows, and standardizing code review ownership for faster deployments
- Leveraged schema UI refinements to **enhance navigation efficiency for engineering users by 20%**
- Increased app release stability by integrating **Threagile** security checks and expanded automated UI testing with **Jest**
- Building a CLI tool to edit large engineering models locally, sync updates with Bentley's cloud platform

### Dataing

Apr. 2024 – Sep. 2024

Software Engineer Intern (Backend)

Los Angeles, CA

- Automated recurring data retrievals of 2000+ users** by utilizing **Terraform** to deploy **AWS Lambda functions** via scheduled Cron Jobs with **Docker** microservice containers
- Reduced user login time by 50%** by resolving authentication vulnerabilities and optimizing SMS verification flow
- Improved user **recommended accuracy by 23%**, as measured by backend pairing success rate, by building Swift-based integrations for Apple and Google user profiles
- Built a feature to retrieve users' iOS photos, **accounting for 70% of the app's database photo traffic**, utilizing PhotoKit with efficient multiform media handling in the back-end
- Proposed and implemented Typesaurus schema, leading to a **30% reduction in Firestore query response time**

### Google

Jul. 2024 – Sep. 2024

Software Engineer Fellow

New York, NY

- Outperformed **400+ applicants** for a 10-week fellowship with Google engineers, focusing on interview preparation

### Stanford University

Jan. 2025 – Jun. 2025

Marketing & Outreach Intern, Section Leader (Code in Place)

Stanford, CA

- Directed course outreach, **generating 5M+ impressions** and **10K+ student signups** for Stanford's online course
- Cultivated a Python learning environment for novice programmers, resulting in a 75% course completion rate

### [Software Engineering Analytics Research \(SOAR\) Lab](#)

Mar. 2024 – Oct. 2024

Research Assistant

Philadelphia, PA

- Co-authored [EMSE-accepted paper](#) evaluating the LLMs' security awareness and impacts on software development
- Highlighted LLM correlations and **50+ common CWEs**, designed graphs with Matplotlib, NumPy, and Seaborn

## PROJECTS

### [Viet Urban Dictionary \(Tu Dien\)](#) | React, Node.js, scikit-learn, Perplexity Sonar, PostgreSQL

Jun. 2024 - Present

- Building a full-stack app providing up-to-date, accurate definitions of Vietnamese slang to strengthen cultural ties
- Leveraging web scraping and machine learning methods to automate word retrieval of various social media platforms

### [Serenity - DragonHacks 2024](#) | Flask, React, Python, Hume API, OpenAI API

Apr. 2024

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

### [Content Creator](#) | YouTube, TikTok, Instagram, Facebook, LinkedIn

Jun. 2013 - Present

- Amassed **1.3+ 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:** TypeScript, JavaScript, C++, Python, Java, SQL, Swift, C, HTML/CSS, Racket, Haskell, Bash

**Frameworks/Libraries:** Flask, Rest API, React, Node.js, Express.js, Firebase, OpenCV, NumPy, Pandas, Git, GraphQL

**Tools:** AWS, Azure Devops, CI/CD, Terraform, Docker, Kubernetes, VS Code, Eclipse, XCode, Gradle, Google Cloud