

Binh Le

718 825-6488 | binhlequoc09@gmail.com | linkedin.com/in/binhlee | github.com/binhl3

EDUCATION

Drexel University

Bachelor of Science in Computer Science, 3.81/4.00 GPA, Dean's Ambassador, Dean's List, Teaching Assistant

Philadelphia, PA

Jun. 2025

Affiliations: CodePath, Drexel AI/Chess, Google GSWEP, 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)

Menlo Park, CA

- 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 in C++** 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 (Hieu Chua)

Jun. 2024 - Present

- Scaled to **1,000+ monthly users** by delivering culturally authentic, community-driven slang definitions
- Engineered an AI-powered search flow, **achieving 95% user satisfaction** with accurate and context-rich outputs

Serenity - DragonHacks 2024

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

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