

# Binh Le

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## EDUCATION

### Drexel University

Sep. 2025

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

Philadelphia, PA

**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 – Sep. 2025

Software Engineer Intern (Platforms - Schema Team)

San Francisco, CA

- Enabled rapid debugging for **2000+ engineers** by building WiMSE, a **TypeScript** schema visualization tool
- Reduced WiMSE latency by **65% (2000ms → 700ms)** via 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 instant** by optimizing state hydration, improving app responsiveness at scale
- Accelerated engineering velocity by **140%** and improved release stability by migrating to **GitHub**, automating **CI/CD workflow**, adding security checks (**Threagile**), and expanding Jest test coverage
- Built a **CLI tool** with **TypeScript** and **C++** to edit large engineering models on Bentley's cloud platform
- Increased large iModel download speed by **1200% (200s → 12s)** through optimizing the ingestion pipeline
- Implemented **RPC-based** schema export to eliminate multi-GB downloads, reducing data transfer time **by 99%**
- Added a pragma-based CLI integrity checker with structured reports to prevent schema/DB regressions.
- Delivered quick schema cleaning, combined **ECSQL** queries with **newly exposed C++ methods** to provide **batch cleanups in one step**

### 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
- Enhanced **user match accuracy by 23%** through Swift integrations to populate data of Apple and Google profiles
- Automated users' iOS photos retrieval, **accounting for 70% of the app's photo traffic**, utilizing PhotoKit
- 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

Apr. 2024 – Jun. 2025

Software Engineer & Growth Intern, Section Leader (Code in Place)

Stanford, CA

- Directed course outreach, **generating 10M+ impressions** and **10K+ student signups** for Stanford's coding 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 an [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 | Exa AI, Perplexity, OpenRouter, React, Node.js, Express.js, PostgreSQL

Jun. 2024 - Present

- Scaled to **3,000+ 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 | Flask, React, Python, Hume API, OpenAI API

Apr. 2024

- Won **1st place Best Tech Domain award** at DragonHacks 2024, out of 73 projects
- Led a team of 4 on a meeting app capturing live interviewees' emotional insights, providing anxiety-mediating prompts

### Binh Le | Content Creation

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,...)

## 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, Google Cloud, Terraform, Docker, Kubernetes, VS Code, Eclipse, XCode, Gradle