

Binh Le

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EDUCATION

Drexel University

Philadelphia, PA

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

Jun. 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)

Philadelphia, PA

- Developing iTwin Viewer 5.0, a cloud-based infrastructure visualization platform, using React.js, TypeScript, and C++
- Reduced internal tool latency by 65% (2000ms → 700ms)** through implementing parallel HTTP schema fetches
- Optimized client-side state hydration, cutting **cold start time from 6+ seconds to near zero**, boosting responsiveness for thousands of engineers
- Implemented sorted schema-layer grouping and extended test coverage for parsing logic and UI rendering behavior

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
- Spearheaded Google and Apple user data integration in Swift, **features increased 23% matching accuracy**
- 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 to 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
- Tackled advanced software topics such as system design, focusing on improving scalability and performance

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
- Educated students in **Python** concepts leveraging beginner-friendly libraries such as **Karel** and **TKinter**

Software Engineering Analytics Research (SOAR) Lab

Mar. 2024 – Oct. 2024

Research Assistant

Philadelphia, PA

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

VNPT Technology

Apr. 2022 - Jun. 2022

Software Engineer Intern

Remote

- Managed a team of 6 interns** designing a web app by acting as product owner and holding weekly meetings

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: Python, TypeScript, JavaScript, Java, SQL, C++, 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, VS Code, Eclipse, XCode, Gradle, Google Cloud, Azure, CI/CD, Terraform, Docker, Kubernetes