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 — *Sep. 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) — *Philadelphia, PA*
- Developing iTwin.js 5.0, a library to enhance visualization of infrastructure assets using React.js, TypeScript
- **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, Dockers, Kubernetes