

# Phuoc V. Le

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## EDUCATION

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### University of Houston

B.S. in Computer Science, GPA: 3.5

Houston, TX

Expected Graduation: Jun 2027

- **Related Coursework:** Programming and Data Structures, Computer Organization and Architecture (in progress)

### Bellevue Community College

Associate's in Arts and Sciences - Computer Science Focus

Bellevue, WA

Sep 2022 - Jun 2024

## PROJECTS

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### Voice-Vault

Houston, TX

Personal - d4qejj20t2b30.cloudfront.net

Dec 2025 - Jan 2026

- Developed a **full-stack serverless** web application converting text files into audio
- Deployed a React (Vite) frontend on **AWS S3** with **CloudFront** for **low-latency** content delivery
- Implemented backend services using **AWS Lambda** and **API Gateway**
- Integrated **secure file uploads and downloads** via **S3 pre-signed URLs**
- Managed environment configuration and logging using **IAM** and **CloudWatch**

### Portfolio Website

Houston, TX

d1ib7vpuijcxv7.cloudfront.net/

Oct 2025 - Nov 2025

- Deployed the website using **AWS S3** and **CloudFront**, securing the S3 bucket with **Origin Access Control (OAC)** for **safe content delivery**
- Designed and built a **responsive** personal portfolio website showcasing projects, skills, and experience using React
- Developed a clean, modern UI with intuitive navigation to improve user experience and accessibility

### Live Chat App

Houston, TX

Personal

Aug 2025 - Oct 2025

- Developed a **full-stack** chat app with real-time messaging for **multiple users** and dozens of chat rooms, supporting hundreds of concurrent messages using **Socket.IO**
- Built **RESTful APIs** and a **React + Flask** client-server architecture to manage user sessions, retrieve chat history, and handle **scalable, low-latency** message delivery
- Implemented WebSocket-based instant messaging with **automatic updates**, delivering messages in less than 200ms and improving user engagement by removing manual refreshes

## ACTIVITIES AND LEADERSHIPS

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### Bellevue College

Bellevue, WA

Student Engagement Front Desk Assistant

Feb 2024 - Jun 2025

- Served as the primary point of contact, resolving an average of 30 student inquiries daily and demonstrating strong problem-solving and communication skills
- Managed the issuance of over 1,000 student IDs per semester, leveraging the school's database system to ensure accurate student records

### Leaner AI Hackathon

Seattle, WA

Team Member - Calligual

May 2024

- Collaborated in a team to define the problem and propose a technical solution leveraging machine learning and natural language processing (NLP) principles
- Conceptualized and developed an innovative idea for an AI-powered assistant to facilitate real-time communication between speakers with different accents
- Conducted in-depth research to validate the technical feasibility of the solution and outline its potential impact on a global audience

### Bellevue College

Bellevue, WA

Treasurer of Computer Programming Club

Sep 2023 - Jun 2024

- Designed and managed a financial tracking system in Excel, producing reports on budget and resource allocation for the executive board
- Collaborated with leadership to create a detailed budget, securing funding for 3+ major events including a hackathon and tech company tours
- Led financial operations for a 50+ member club, tracking all expenses and revenue to ensure fiscal responsibility

## SKILLS

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**Languages:** Java | Python | JavaScript | TypeScript | C++ | C# | SQL | HTML/CSS

**Frameworks & Technologies:** AWS | React | React Native | Node.js | Git | MongoDB | Flask | Socket.io