

# Bao Nguyen

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**Objective:** Dedicated Entry-Level Software Developer with a strong motivation to contribute to impactful software products.

## Summary:

- Practiced Agile methodology during my senior year at university.
- Acquired full-stack web development skills by developing a web app for my senior project. Independently learned and got familiar with an entirely new tech stack in two weeks to start contributing to the project, earning an A.
- Set up a computer system, both hardware and software, contributing to the opening and smooth operation of a new restaurant.
- Created several automation scripts that resolve user pain points and accelerate the subtitle editing process in Aegisub, one of the most popular subtitle editors.
- Contributed to the public by sharing my scripts and publishing tutorial videos on typesetting in Aegisub, including writing code to generate text effects. Attained 1300+ YouTube channel subscribers and 1300+ Facebook blog followers.
- Strengthened problem-solving and analytical thinking skills by assisting over 400 individuals with technical issues via direct message.
- Practiced various technologies: C++, Python, Java, Kotlin, Lua, JavaScript, TypeScript, React, HTML, CSS, TailwindCSS, Sass, SQL, PostgreSQL, Prisma, Next.js, Node.js.

## Experience:

### IT Technician, Pho Ly Quoc Su

July 2023 – September 2023

- Researched and selected a suitable POS solution for the restaurant.
- Installed and configured a comprehensive computer system, including POS terminal, cash drawer, kitchen display system, router, printer, and mobile device.
- Managed business operations using a dashboard.
- Set up the restaurant's website and online ordering page.
- Implemented delivery services through platforms like Doordash and Grubhub.
- Resolved technical issues.

## Projects:

### WorkOutLoud Web App, Senior Project

September 2022 – May 2023

#### Full-stack Developer

Tech stack: JavaScript, TypeScript, React, Node.js, Next.js, TailwindCSS, PostgreSQL, Prisma.

- Developed a web app that can count out loud workout exercises and allows voice controlling.
- Implemented responsive UI components including navbar and sidebar.
- Integrated text-to-speech and speech recognition features using the Web Speech API
- Implemented a login form using Google's OAuth 2.0, enabling users to sign in either with their username or Google Account.
- Queried the database using Prisma.
- Implemented route protection.
- Handled HTTP requests and responses.

### Aegisub Automation Scripts, Personal Projects

2020 – Current

#### Lua Developer

- **In N Out:** Reduces a significant amount of time and effort required for creating complex effects that involve coding and mathematical skills; Frees users from manually writing a vast number of effect tags.
- **Curved Text:** Frees users from manually adjusting the position of every letter to create curved text.
- **Aegisub2Staxrip:** Automates multiple tasks, including opening the encoding app, navigating and importing video and subtitle files, and writing code to add the subtitle filter.
- **Save and Import Lines:** Allows users to reuse line objects without having to copy & paste between files.
- **Vector Color:** Frees users from manually finding and writing RGBA color codes to generate gradient color tags.

## Education:

### Bachelor of Computer Science

May 2023

California State University, Long Beach

- GPA 3.93