

Francis Nguyen

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EDUCATION

B.S. Computer Science

Northridge, CA | Jun 2026

CALIFORNIA STATE UNIVERSITY, NORTHRIDGE

Coursework: Data Structures and Algorithms; Operating Systems; Software Engineering; Software Testing; Object-Oriented Programming; Machine Learning

WORK EXPERIENCE

LOVE PHO CAFE | FOOD SERVER (SEASONAL)

Oxnard, CA | Summers 2022 – 2024

- Provided fast and friendly service to customers
- Maintained cleanliness throughout the dining area and kept takeout/kitchen supplies fully stocked
- Handled large volumes of takeout and dine-in orders during peak lunch and dinner hours

PROJECTS

HOTEL ROOM RESERVATION WEBSITE

Typescript, Next.js, NextUI, JWT, Vercel, MongoDB

- Developed a full-stack hotel room reservation website as part of a semester-long team project
- Followed software engineering principles including requirements gathering, version control, and Agile development
- Enabled users to browse, search, and reserve hotel rooms through a user-friendly interface
- Implemented user account functionality to view current and past reservations

DIGITAL LIBRARY FOR HÁN-NÔM TEXTS

Typescript, Next.js, PostgreSQL

- Designed and currently developing a digital platform to store, browse, and search historical digitized Hán-Nôm texts
- Focused on preserving Vietnamese cultural heritage by making classical literature more accessible to scholars and the public
- Wrote custom Python scripts to clean and format digitized text files for structured import into a SQL database
- Implemented support for rendering Vietnamese-specific and Chinese characters using specialized fonts

SKILLS

Languages: Java, C++, C, Python, MIPS Assembly, SQL

Web Development: React, JavaScript, TypeScript, HTML/CSS

Technology: Git, AWS, Unity, \LaTeX , MongoDB, UNIX command-line, Windows, SSH, Github, Microsoft Office, Photoshop