

# Phuc Truong

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## EDUCATION

### University of California, Los Angeles

*Bachelor of Science in Math and Computer Science*

Los Angeles, CA

*Aug. 2022 - June 2026*

- **Relevant Coursework:** Operating System Principles, Data Structures and Algorithms, Algorithm and Complexities, Software Construction, Machine Learning

## EXPERIENCE

### Front Desk Attendant

*University of California, Los Angeles*

December 2022 - Present

*Los Angeles, CA*

- Delivered customer service and support to residents, faculty and guests in a fast-paced, 24/7 housing environment
- Trained and onboarded new front desk staff, providing guidance on service standards, key re-encoding, maintenance request submissions, and guest interactions.
- Communicated with many different departments to fulfill resident requests in a professional and caring manner and ensure a seamless experience

## PROJECTS

### BruinGrub | *React, MySQL, Express.js, Node.js*

March 2024

- Collaborated with team to create a full-stack web app that allows UCLA students to explore dining options, leave reviews, and track calorie intake
- Utilized React for front-end, Node.js and Express.js for back-end, and MySQL for data management
- Implemented user authentication to ensure secure access for dining users and students, enabling distinct functionalities for each user type
- Enhanced user engagement with a calorie-tracking feature and intuitive user interface
- Conducted testing and debugging to ensure application performance and reliability

### The Miracle Project | *Vite (React), Node.js, Express.js, MySQL*

May 2024

- Created a full-stack web application to keep assigned material easily accessible for neurodivergent and disabled individuals in classrooms
- Integrated voice navigation features using a speech-to-text API and Google's Gemini, improving accessibility for users with diverse needs.
- Designed and tested RESTful API endpoints (GET/POST requests) for course content delivery and file management.
- Built dynamic frontend pages (class pages, upload pages, headers) with integrated backend APIs to ensure seamless navigation and accessibility.

### University Degree Planner | *Playwright, Javascript, PostgreSQL, Express.js, Node.js, Tailwind*

In Progress

- Created a full-stack web application using React and REST API for students to easily create and save their 4-year-plan based on their major
- Utilized Playwright to efficiently obtain data from UCLA website to acquire relevant information for hundred of different majors
- Created data models using Sequelize, ensuring efficient interaction between the application and PostgreSQL database by defining relationships and implementing optimized queries
- Implemented ability to drag-drop courses and calculate credits per quarter automatically
- Automated data pipeline from Playwright to PostgreSQL database for hundreds of JSON files

## TECHNICAL SKILLS

**Languages:** Python, C/C++, SQL, JavaScript, HTML/CSS, R

**Frameworks:** React, Node.js, Express.js, Tailwind, Bootstrap

**Developer Tools:** Git, Docker, VS Code, Visual Studio, Postman, Virtual Box, SSH Tools (PuTTY, WinSCP)

**Databases:** MySQL, PostgreSQL, MongoDB