

# 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 - March 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*

- Provided exceptional customer service by addressing inquiries, complaints, and requests efficiently, enhancing ability to manage multiple tasks under pressure
- Communicated with many different departments to fulfill resident requests in a professional and caring manner and ensure a seamless experience
- Utilized computerized front office systems to manage guest registrations, process room charges, and track room availability efficiently

## 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
- Collaborated with team to use Google Gemini and speech-to-text API to allow users to navigate site with their voice
- Implemented MySQL database model for backend using Express.js and Node.js
- Designed the framework for the front-end using React and connected the back-end with REST API

### 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, Tailwind CSS

**Frameworks:** React, Node.js, Express.js, PostgreSQL, MySQL, Sequelize

**Developer Tools:** Git, Docker, VS Code, Visual Studio, Postman, Virtual Box

**Libraries:** pandas, NumPy, Matplotlib, yfinance, CORS, Playwright