

# Trinh P. Dinh

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## EDUCATION

### Louisiana State University

B.S Computer Science

Baton Rouge, Louisiana

Expected Graduation, May 2027

- **Concentrations:** Software Engineering & Data Science
- **Cumulative GPA:** 3.69
- **Related Coursework:** Computer Science I & II, Data Structures, Systems Programming, Numerical Methods, Computer Organization, Object-Oriented Design, Operating Systems, Programming Languages

## EXPERIENCE

### TigerRacing Formula SAE

Software Engineer

Baton Rouge, Louisiana

Sept 2025 - Present

- Architected and developed a full-stack member portal serving 50+ engineers across 4 technical divisions, enabling project tracking, resource allocation, and financial management for Formula SAE competition team.
- Designed a comprehensive project management dashboard with real-time search/filtering, CRUD operations, and dynamic team assignment features, improving cross-functional visibility for competition-critical deadlines.

### Louisiana State University Information Technology Services

Audio Visual Technician

Baton Rouge, Louisiana

Feb 2025 - Present

- Supported 100+ classrooms by setting up and troubleshooting AV systems.
- Collaborated with technical staff to ensure reliable IT operations for students and faculty.

### TNT Nola Detailing

Small Business Owner

New Orleans, Louisiana

May 2023 - Present

- Founded and scaled a detailing business serving over 50+ clients.
- Designed and launched the company website, improving customer engagement and online bookings.
- Managed operations, finances, and customer service independently.

## PROJECTS

### Finance Tracker App (Figma, Flutter, Firebase)

Collaboration

Baton Rouge, Louisiana

September 2025 - Present

- Led cross-functional team as Project Manager for a class, coordinating development milestones, managing Git workflows across multiple feature branches, and ensuring on-time delivery.
- Developed a full-stack personal finance tracking application using Flutter and Dart with Firebase backend (Authentication and Cloud Firestore), featuring real-time transaction monitoring, category-based spending analytics, and income/expense visualization across a responsive dashboard.

### FSAE Member Portal (Figma, Tailwind CSS, Typescript, React)

Collaboration

Baton Rouge, Louisiana

August 2025 - Present

- Architected and developed a comprehensive project management dashboard using React 19, TypeScript, and TailwindCSS, featuring real-time search/filtering, dynamic project cards, and CRUD operations for team project tracking.
- Integrated and customized 30+ shadcn/ui components (Radix UI primitives) to create a cohesive, accessible component library with custom LSU branding.
- Implemented complex form state management with validation, handling 10+ interconnected form fields for project creation workflow with team member management.

### Interactive World Map (HTML, CSS, JavaScript)

Collaboration

Baton Rouge, Louisiana

September 2024 - October 2024

- Developed an interactive SVG world map with clickable countries displaying real-time details (population, area, capital, languages, currency, and flag).

## SKILLS

**Languages:** Java, Python, C, HTML, CSS, JavaScript/Typescript, Flutter

**Tools & Platforms:** Git/Github, Visual Studio, Linux/Unix, Tailwind CSS, React, Firebase, Figma