# Tran Dan Nhi Nguyen

+1 319 936 8568 • nguytr01@luther.edu • justine-website.vercel.app • linkedin.com/in/dannhint

## Education

**Luther College**, Decorah, IA                                                        **Expected Graduation:** May 2028
Bachelor of Arts in Computer Science & Mathematics/Statistics                                    **GPA: 3.90**/4.00
**Relevant Coursework:** Data Structures & Algorithms, Web Development Fundamentals, Data Modeling and Querying, Computer Architecture, Java Object-Oriented Programming, Internet Programming, Discrete Mathematics.

## Technical Skills

**Languages & Frameworks**: JavaScript, Python, Java, TypeScript, Ruby, Ruby on Rails, Flask, R, Swift, SwiftUI, SQL, HTML/CSS, Node.js, Express.js, React.js, Bootstrap, Tailwind CSS.
**Developer Tools**: Git, GitHub, VS Code, Netlify, Docker, RSpec, Axios, REST API, Postman, Figma.

## Experience

**Software Development Intern**                                                        June 2025 – September 2025
*Rakuna - Recruiting Software, Ha Noi, Vietnam*

- Collaborated with fellow interns and engineers to upgrade Rakuna's recruiting application using **Ruby, Ruby on Rails, PostgreSQL, React.js.**
- Enhanced the **frontend architecture** for Rakuna's prospect list by **implementing prospect group sharing functionality with React**, enabling persistent selection state management for sharing group data with customers.
- **Updated the recruiting prospect backend model** by creating new workflow states and **implementing a confirmation-based state transition**, **improving OCR execution performance**.
- Analyzed product issues and conducted **QA testing** to devise optimal technical solutions and ensure product quality, **reducing critical bugs by 30**% before customer demos.
- Deployed and maintained a Rails application on AWS using **Capistrano, Nginx, Puma, and PostgreSQL**, **troubleshooting configuration errors** and gaining hands-on experience with **deployment process**.

**Teaching Assistant**                                                                February 2024 – Present
*Computer Science Department at Luther College*

- Led weekly office hours, and host 1:1 sessions for **+20 students**, assisting with **code reviews, debugging, conceptual computer science concept and web development fundamentals**.
- Provided feedback on major programming assignments and helped students strengthen **computational thinking** and **software design skills, boosting 30**% **average improvement** in academic outcomes.
- Collaborated with course's instructors to improve the class environment and support students in time.

## Projects

**StoreMee** –A Personal Cloud Storage developed with **Next.js, React.js, TypeScript**          Full-stack Developer

- Developed a full-stack cloud storage application using **Next.js Server Components** and **Server Actions**, implementing **OTP-based authentication**, session management with HTTP-only cookies, and protected routes for secure access control.
- Built a comprehensive file management system with **full CRUD operations** (upload, rename, delete, share), multi-user access control, and dynamic filtering, searching, sorting, and pagination with **dual-access** logic.

**OpenDiary** – A **Rails-based** web application for users to diary experiences          Full-stack Developer

- Developed a **Rails-based web application** for users to diary experiences and share reflections, integrating **frontend and backend** via server-rendered views, implementing **secure user authentication** with **Devise and OmniAuth**.
- Implemented user profiles using **Active Storage** and integrated post feeds showing content from users and followed users; **designed the database schema in PostgreSQL**.

**Localmeet** – Community Event Management Web Application          Full-stack Developer

- Developed a full-stack community event management web application using **Python, Flask, JavaScript, and SQLite**, enabling users to create, browse, and register for local events, with **secure OAuth authentication and session management**.
- **Built backend logic and RESTful API endpoints** to manage event lifecycles, registration deadlines, and attendance tracking, while supporting **CRUD operations** for users, events, and registrations.

## Leadership

**Media Manager** & **Tech Leader**                                                   September 2023 - Present
*ELab – Library Project Ha Tinh*

- Developed and managed Elabrary, **a UI/UX design website** providing 500+ self-learning resources, while **leading a 12-member team** to create **200+ visuals** for the library's webpage.