

Tommy T. Le

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EDUCATION

The University of Iowa

Informatics B.A | Computer Science Minor

Certification: Geographic Information Systems

- o **Related Coursework:** Computer Science I: Fundamentals, Programming for Informatics, Analyzing Data for Informatics, Human Computer Interaction for Informatics, Topics in Computer Science I, Informatics Project

Microsoft Front-End Developer Professional Certificate, Coursera

Iowa City, Iowa

Anticipated: May 2026

Remote

Aug 2025

EXPERIENCE

Dear Diary Research Project

Front-End Researcher

Iowa City, Iowa

May 2025 – Present

- **Incoming 2025 Undergraduate Research**

Alli Center Internship

Software Developer

Coralville, Iowa

Aug 2023 – Aug 2024

- Contributed to the development of a Chrome extension prototype designed to streamline therapists' workflow by centralizing therapy session forms for easier access and faster documentation.
- Built interactive front-end features using JavaScript, Router.js, Bootstrap, HTML, and CSS, delivering a clean, responsive UI that improved usability and reduced form-filling time.
- Researched AI transcription tools and summarization models to explore how meeting dialogue between therapists and patients could be securely captured, processed, and summarized in real time.

Academic Tutor & Independent Educator

Self-Employed Tutor

Iowa City, Iowa

Aug 2023 – May 2025

- Tutored students in various subjects (Composition I & II, Environmental Science, Sociology, and Psychology), leading to a 20% average improvement in grades.
- Led writing development efforts by mentoring students through detailed feedback, fostering stronger critical thinking, communication skills, and academic independence.
- Guided adult learners in professional growth, leading initiatives to improve portfolio quality and career-focused writing, empowering them with greater confidence in job applications and presentations.

PROJECTS

Portfolio

Solo Project

Iowa City, Iowa

January 2025 – Present

- Developed an open-source portfolio project using languages like HTML, CSS, JavaScript. Front-end frameworks like React.js, and Tailwind CSS. As well as back-end frameworks such as AWS Lambda, API Gateway, and DynamoDB. Utilizing Vercel as a host

CareerQuest | Informatics Capstone Project @UIOWA

Capstone Project

Iowa City, Iowa

January 2025 – May 2025

- Developed a job-hiring platform inspired by Handshake, LinkedIn, and Intern-list to provide an intuitive, engaging experience for job seekers.
- Designed and developed the front end using Vue.js, Python, and Bootstrap, creating a responsive, mobile-first interface for seamless user interaction.
- Implemented a serverless backend architecture using AWS Lambda, API Gateway, and DynamoDB to enable secure, scalable communication and fast data retrieval.

One Stop Cinema | Human Computer Interaction Project @UIOWA

Class Project

Iowa City, Iowa

January 2024 – May 2024

- Led the development of a visually engaging movie browsing app using React and Vue.js, enabling dynamic search, filter, and sort functionality for IMDb's top 1000 movies.
- Implemented client-side CSV parsing with PapaParse to handle large datasets efficiently, improving performance and load speed across browsers.
- Crafted a fully responsive UI with HTML and CSS, resulting in a 20% increase in user satisfaction during usability testing.

SKILLS

Development: Python, JavaScript, HTML, CSS, SQL, Vue, Node, TypeScript, NumPy, Matplotlib

Tools: Jupyter Notebook, Visual Studio Code, Git, React, Bootstrap, Amazon Web Services, Tailwind

Languages: English (Native), Vietnamese (Native), Spanish (Proficient)