

# Trieu Vi Le

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[LinkedIn](#) - [Github](#)

## Technical Skills

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- **Programming Languages:** Python, C++, Java, NodeJs, Git,, TypeScript, JavaScript, R, React, Visual Basic
- **Software and Tools:** Visual Studio, Github, Figma, Procreate
- **Database:** Postgres
- **Languages:** English (fluent), Vietnamese (native), Chinese (proficient), Japanese (proficient)

## Education

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### Bachelor of Science, Computer Science

**Expected Graduation: June 2025**

University of Washington, Bothell - Bothell, WA, GPA: 3.8

Dallas College - Dallas, TX, GPA: 4.0

- **Honors:** Texas Academic Team Award 2022, President's Honor. Dean's List in all four quarters in UWB.
- **Leadership:** International Student Club, Co-Founder and Treasurer of Interaction Design Association at UWB.
- **TA positions:** Data structure, algorithms and Discrete Mathematics II, Usability and User-Centered Design, Math and Programming tutor volunteer

## Projects

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### Smart Brain - Real-time Face Detection and Recognition with React

**April 2023 - July 2022**

- Developed a user-friendly interface in React for real-time face detection by enabling image uploads.
- Implemented Clarifai's pre-trained models and algorithms to achieve accurate and fast face detection.
- Researching and exploring additional features, such as emotion detection, to enhance the project's capabilities.

### GameWisdom - A platform for uploading and sharing gaming insights

**June 2022 - October 2022**

- Led front-end development using Angular for GameWisdom, a platform focused on uploading and sharing gaming insights.
- Implemented interactive features such as real-time commenting and seamless content sharing.
- Designed and executed a responsive UI with TailwindCSS, ensuring optimal user experience across devices.
- Utilized user feedback and data analytics to make iterative improvements, resulting in a 20% increase in user satisfaction.

### Painting Program - Class project about creating a drawing program

**November 2020 - December 2020**

- Built interactive digital canvas enabling freeform creativity with virtual stamps, pens, and backgrounds
- Hand-coded stamp and gradient modules to empower artistic expressions at each brushstroke
- Implemented image filters transforming photos into vivid masterpieces
- Gained expertise in VB graphics, GUI design, event-driven interactions, and image manipulation

## Work Experience

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### UWB Department of Computer Science and Software Engineering

**March 2023 - Present**

#### Teaching Assistant

- Provided students with timely and thorough support by addressing their homework or class-related questions within 5 hours including weekends.
- Provided detailed and constructive feedback on over 80 weekly homework assignments.

### Learning Commons at Dallas College

**February 2022 - May 2022**

#### Math and Programming Tutor Volunteer

- Volunteered as a tutor for 4 hours per week, providing assistance in Linear Algebra, and Fundamental Programming courses.
- Developed study guides and aided understanding of key concepts, leading to a 20% increase in grades improvement.