

Francis Tran

Full-Stack Developer

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EDUCATION

UNIVERSITY OF ST. THOMAS

Master of Software Engineering

Bachelor of Computer Science; Minor in Game Design

St. Paul, MN

Expected May 2027

Graduated May 2024

PROJECTS

Forem (dev.to) – (github.com/forem/forem/pulls?q=author:FrancisTR&is:merged)

Utilized: Ruby on Rails, HTML, CSS, TypeScript, PostgreSQL, Redis, Docker, Git.

- Contributing to a widely adopted open-source blogging platform that serves over **3 million registered users** by collaborating with other contributors to deliver improvements of existing features, performance, and user experience.
- Identifying and resolving low-visibility issues across the stack, improving the **UI/UX**, optimizing website performance, and delivering bug fixes in a timely manner with pull requests consistently merged within ~1 week.
- Delivered **10+ merged pull requests** within the first 3 months of contribution that resulted in **UI/UX** improvement and user experience through high-quality full-stack development.

Virtual Coffee – (github.com/Virtual-Coffee/virtualcoffee.io/pulls?q=author:FrancisTR&is:merged)

Utilized: HTML, CSS, TypeScript, Next.js, Tailwind CSS, Git.

- Contributing to a platform used by **1,000+ developers** worldwide through scalable full-stack solutions.
- Partnering with maintainers to improve **UI/UX** and streamline documentation for developer onboarding and usability.
- Delivered **4+ merged pull requests** within the first month that resulted in usability increase, and overall user experience.

ClassifierAI – (github.com/FrancisTR/ClassifierAI)

Utilized: HTML, CSS, JavaScript, Tailwind CSS, Tensorflow.js, Chart.js, Vite, Docker, Git.

- Developed a Chrome extension that detects AI-generated content on dev.to, improving content authenticity and filtering.
- Contributed **70+ commits** within one week by implementing image and text classification using **Tensorflow.js**.
- Launched the project on dev.to, gaining **1,000+ views** and **100+ likes** in the first week, resulting in **10+ GitHub stars**.

WORK EXPERIENCE

CRM SALESFORCE STUDENT ADMINISTRATOR

University of St. Thomas

St. Paul, MN

May 2022 – Present

- Tested the new college application to ensure all functional specifications were met and achieve a successful launch within the 3-month deadline, which resulted in a **7,000+ increase** of new applicants in the first 4 months of deployment.
- Pioneered the front-end development of interactive widgets with the collaboration of the Department of Admissions to enhance the **UI/UX** of the college application system using **HTML, CSS, and JavaScript**.
- Engaging with stakeholders to document issues, define project requirements, and implement solutions using Agile Methodologies that results in faster project completion and increase team collaboration efficiency.

SOFTWARE DEVELOPER INTERN

Games For Love

Remote

Jun 2024 – June 2025

- Led a cross-functional team of 8 to develop video games using **Godot**, ensuring quality games deployed each month and managing tasks for each team member, which resulted in delivering successful games within 2 weeks before the deadline.
- Collaborated with developers to review and merge pull requests on GitHub that consist of **100+ commits** and **200,000+ lines of code**, resulting in improved code quality and workflow that **reduced the bug rate by 50%**.
- Enhanced the **UI/UX** design of the Game Jam itch.io page that consists of intuitive design improvements and optimizing navigation using **HTML and CSS**, which boosted the **user engagement by 15%**.

ADDITIONAL

Technical Skills: Ruby on Rails, HTML, CSS, Tailwind CSS, TypeScript.

Other Skills: Next.js, PostgreSQL, Redis, Vite, Docker, Salesforce, Git.

Awards: St. Thomas ITS Award Nominee (2023), Delta Epsilon Sigma Honor Society (2024).

Hobbies/Interests: Blogging on dev.to (dev.to/francistrdev) with over **40k total views**, Video Editing, Puzzles.