

Vu Ha Giang Trang

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About

A Highly driven Full Stack Dutch CS undergrad with a passion for open-source projects and emerging technologies. Solid grasp in C#, .NET, and SOLID principles, and currently expanding my skills in C++, CI/CD practices, and SecOps.

I am seeking an internship for my final year of my bachelor's degree, following my exchange program in Japan in Fall 2024.

Education

Fontys University of Applied Sciences

September 2020 - January 2025

Bachelor of Science in ICT & Software Engineering; 8,4 = GPA 4/4

Musashi Private University

Tokyo, Japan

Study Abroad Exchange in Global Studies of Liberal Arts and Sciences [EAS]

April 2024 – July 2024

Awarded the NL Scholarship (formerly known as Holland Scholarship)

KSE (Katholieke Scholengemeenschap Etten-Leur e.o.)

Etten-Leur, Noord-Brabant

HAVO Advancements with Business Class Honors

September 2018 – June 2020

Relevant Experience

CPMLive – Feedback System – Software Engineer Intern

August 2022 – January 2023

- Developed a user-friendly production-ready feedback system for B2B clients inside CPMLive forecasting platform to report features, bugs, and complete surveys, implemented with Express.js, Vue.js, and TypeScript.
- Transitioned from mail-based feedback to a custom feedback system, significantly improving the efficiency and effectiveness of client feedback management.

Aniwave – Integrated API-Driven Moderation Dashboard – Mod volunteer and Tool Developer

January 2021 - Present

- Contributed to a custom web-based moderation tool, combining Disqus panel and Discord logging.
- Enhanced moderation efficiency with a unified dashboard.
- Developed using Python, HTML, CSS.

Notable Projects

FIPost - Transitioning Manual Labor to Semi-Automation – Head Maintainer

December 2022 - Present

- Lead project and manage inbound contributors to modernize Fontys' post system like package tracing and scanning features using C#, .NET6, PostgreSQL, Vue.js, TypeScript, SCSS, Azure, Kubernetes, RabbitMQ.
- Improved efficiency by reducing manual labor through a reliable semi-automated system.

CM.com - Validation of MO/MT Messages Workflow

September 2021 - December 2022

- Designed a scalable user-friendly web app enhancing test flow for end-users sending and receiving messages; utilizing Kotlin, Next.js, Docker, PostgreSQL with CM Business API and AURORA design components.
- Integrated various API channels (Meta, WhatsApp, X) to streamline message validation.

CIMSOLUTIONS - Meeting App with Office365 Integration

December 2021 - June 2022

- Created a sign-on app for internal meeting sessions, C# .NET Core MVC with Razor pages, Docker PostgreSQL.
- Ensured seamless integration with Office365 and Outlook365 APIs, supporting all devices.

Skills & Interests

Programming Languages: C# and TypeScript; C++, Kotlin, and Python

Frameworks and Libraries: .NET, SvelteKit, Next.js, TailwindCSS, UI/UX; React, Vue.js, SCSS

Database, Tools, and Cloud: MSSQL, PostgreSQL, Git, API, Docker; CI/CD, RabbitMQ, K8s, Azure, AWS

Dev Practices and Methodologies: OOP, SOLID, Agile/Scrum, accessibility, Technical Writer; DevSecOps

Interest: I study Japanese, practice piano and flute, play games with friends, enjoy flight simulation, and explore diverse topics out of curiosity.