

# HO VAN TOAN

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## EDUCATION

**Ho Chi Minh City University of Technology**

*B.S. Software engineering*

June 2019

*Current GPA: 3.45/4.0*

## SKILLS

**Languages:** C#, JavaScript/TypeScript, HTML/CSS

**Tools:** Git/GitHub, VS Code, IntelliJ GoLand/IDEA

**Frameworks:** .Net Framework, .NET Core, React/Next

**Libraries:** Entity Framework, React

## PROJECTS

**FMS Project** | C#, NextJs, APIs, Git, Unix Shell, VS Code (Freelance)

January 2022 - Now

Team size: 6 members

Main responsibilities:

- Build RESTful APIs using .NET Core 5x/6x with Entity Framework Core.
- Research and apply tuning solutions, optimize the system in terms of performance and load capacity.
- Implement new features, maintain and fix bugs for the Flutter (Mobile) and Blazor WebAssembly (Web).
- Design, implement a system for async data for commercial business using Redis, RabbitMQ

**ChatBuzz** | TypeScript, HTML/CSS, Webpack, API (Twitch), Git, Unix Shell, VS Code

May 2023 – Present

- Developed a full-stack web application for Twitch livestreamers to display repeated chat messages on OBS
- Experimented with Twitch API's OAuth Access Tokens to get chat data from the given channel
- Collaborated with livestreamers to get feedback and suggested features
- Solved problems relating to asynchronous tasks

**FoodDropper** | Java, Maven, API (Spigot), Git, IntelliJ IDEA

Aug. 2022

- Developed a Minecraft server plugin to limit players to one way of replenishing their hunger bar
- Used persistent data containers to save and load data, ensuring that it persists across plugin resets
- Optimized UX e.g. sound design, food drop timing, supplied saturation level, and addressed potential workarounds

## EXPERIENCE

**Competitive Programming Club** | Member

Sept. 2023 – Present

Involved in the club centered around Competitive Programming

**Apex Tutoring** | Tutor

2019 – Present

Routinely tutor K–12 students in math, coding, etc.

**Luigi Team Charity** | Volunteer, Manager

2018 – Present

Earned an award for philanthropic hours spent, still giving away 100 stocked backpacks a year

## HOBBIES

**Playing the Drums**

2013 – 2019

Played the drums in symphonic, jazz, and marching bands

**3<sup>rd</sup> Place Time Keeping Challenge Championship (Time Keeping Association)**

Feb. 2022 – May 2022

Won \$1500 nationally competing against high school students in counting seconds and minutes