

Tran Duc Hien

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EDUCATION

Saigon University

Software Engineer

October 2022

Current GPA: 3.0/4.0

COURSEWORK

Courses: Object-Oriented Programming, Data Structures & Algorithms, Discrete Math, Linear Algebra, Calculus, Probability & Statistics

SKILLS

Languages: JavaScript/TypeScript, HTML/CSS, PHP, Java, \LaTeX

Tools: Git/GitHub, Unix Shell, Webpack, VS Code

PROJECTS

Carbon | *Flutter, Dart, Supabase, APIs (INRIX, Google Maps), Git, Unix Shell, VS Code*

Nov. 2023

- Team project for the INRIX Hack 2023 Hackathon, earned Honorable Mention
- Developed a social media mobile app to gamify eco-friendliness using the INRIX API
- Learned how to use Flutter in conjunction with backend databases and APIs

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

3rd 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