Tran Nguyen Chi Huy

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CAREER OBJECTIVE

Seek opportunities to apply my knowledge and skills to complex and interesting projects.
In the first week of learning, I can approach the technology and development direction of the company. The following month, I can start participating in projects as a Front-end programmer.
The goal is to apply the knowledge learned and researched to perform and solve real-life tasks.

EDUCATION

University of Information Technology - VNUHCM
B.S. in Software Engineering, GPA: 8.46   *Sep 2022 – Present*

TECHNICAL SKILLS

Programming Languages: C++, C#, Python, Java, Kotlin, JavaScript, TypeScript

Web Dev: HTML, CSS, JavaScript

Framework: ReactJS, React Native, TailwindCSS, Bootstrap, Next.js

PROJECTS

BBank - Banking Management Website   Oct 2024 - Jan 2025

Description: A web-based banking platform that enables users to manage their financial activities, with primary features including money transfers and savings account management.

Member: 4 (2 frontend developer, 1 UI designer, 1 backend developer).

My Roles:

* Develop the web interface with functionalities for money transfers, savings account management, and customer reports and statistics.
* Create a CRUD management interface for the bank's administrators.

Technologies: ReactJS (TailwindCSS)

Github:

* Frontend Repository
* Backend Repository

BDraw - Draw Mobile Game   Oct 2024 - Jan 2025

Description: BDraw is a mobile game inspired by Google's QuickDraw, where users draw objects, and the integrated AI attempts to guess what they have drawn. The game includes multiplayer functionality, allowing users to compete or collaborate in real-time. The system uses AI for drawing recognition.

Member: 4 (2 frontend developer, 1 UI designer, 1 backend developer).

My Roles:

* Develop mobile application interface with functions of word translation, drawing, calling image-to-text API and comparing with available dataset to calculate score.
* Develop rooms where multiple users can compete and score points to rank up.
* Create items for users to collect and purchase the mascots they like.

Technologies: React Native, ExpressJS, SocketIO

Github:

* Frontend Repository
* Backend Repository

PUBLICATIONS

Aerial Data Exploration: An In-Depth Study from Horizontal to Oriented Viewpoint   Jan 2024
Published in IEEE Access

    Description:

* Conducted a comprehensive survey on aerial data analysis techniques, focusing on horizontal and oriented viewpoints.
* Reviewed existing approaches for UAV-captured imagery processing, identifying key challenges and gaps in the field.
* Proposed future research directions to enhance efficiency and accuracy in aerial data analysis.

    Publication Link: IEEE Access DOI: 10.1109/ACCESS.2024.1234567.

Ship Detection in Aerial image using RTMDet-Rotated Method   Nov 2023
Published in REV-ECIT

    Description:

* Research on RTMDet method for oriented object detection task
* Experimenting with the RTMDet model on the DOTA-Ships dataset and comparing it with experimental models on the same dataset.

    Publication Link: Link.