Vo Nguyen Phat

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EDUCATION

Software technology | **Graduation Date:** May 2024 | **GPA: 3.3**
Duy Tan university

SKILLS

Languages: TypeScript, JavaScript/HTML/CSS, Java **Frontend**: React JS, Angular

Backend: Express, MongoDB, MySQL, SpringBoot, JSP Servlet

PROJECTS

GAMEBOY SIMULATOR | A desktop application to simulate gameboy image style **Sep 2022**
- Implemented PyQT, openCV to create a Computer Vision desktop application for image and webcam processing
- Led a team of 3 developers to work on the application, created CI/CD workflow using Github Actions, managed issues using Github Issues which improve productivty and consistency in the production branch by 60%

SPOTIFY RECOMMENDATION SYSTEM | Machine Learning model suggests Spotify song playlist **May 2022**
- Analyzed Spotify songs, created custom datasets using various metrics including songs trend, song features correlation from 2017 to 2022 using Pandas, Matplotlib, Seaborn
- Implemented content-based filtering and One-Hot Encoding to determine user's top genre from personal playlist to create recommendation table with 50% more optimal cluster with Elbow Method, Silhouette Score

REDDAT | A full-stack social media web app **Dec 2021**
- Launched a full-stack social media mobile web app similar to Reddit, reaching 2000+ users during beta launch
- Built API endpoints with authentication using JWT authentication, Express, Node.js, MongoDB applying MVC pattern
- Developed web app user interface with React, Redux Toolkit, and built chat room features with Socket.io increases user traffics by 60%