

Nathan Nguyen

Dallas, Texas

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(469) 650-3748 | Portfolio: <https://nhatportfolio.netlify.app/>

Objective:

- Seeking a full-stack software engineering internship or full-time position where I can utilize my technical skills and knowledge to contribute to the development of innovative software solutions. I am a highly motivated and results-oriented individual with a passion for learning and a strong work ethic. I am confident that I can make a significant contribution to your team.

Education: University of Texas at Dallas

Major: Software Engineering

Richardson, TX | Dec 2023

Dallas College Richland Campus

AS with concentration in Computer Science

Major: Computer Science

Dallas, TX | 2019-2021

Technical Skills:

Languages

- Java, JavaScript
- HTML/CSS Experience
- React Native
- Python
- Dart

Software

- Nodejs
- Tailwind
- MySQL
- Efficient in AI search engine utilization
- Microsoft Project
- Adobe Photoshop & Premiere

Work Experience:

06/2022- 09/2022 **National Circuit Assembly.**

Software Engineering Internship

- Contributed to the redesign of the company's product application using various technologies such as Visual Studio Code, Github, PHP Laravel, Bootstrap, MySQL Workbench, and Data Tables.
- Added new functions to different processes to improve overall performance and user experience.
- Troubleshoot and fixed existing functions and deleted ineffective or redundant features. Collaborated with the development team to ensure the successful and timely completion of projects used CSS and JavaScript to create a responsive and interactive user interface.

Related Project Experience:

03/2023- 04/2023 **"Scene Recognition" Project.**

- A deep learning project that uses a Deep Neural Network (DNN) to perform image classification on a dataset of scenes.
- Implemented the DNN model using Python and OpenCV, with numpy, pandas, scikit-learn, and matplotlib libraries.
- Trained and evaluated the model using RMSE as the loss function and accuracy as the metric.
- Experimented with different hyperparameters, such as learning rate, hidden layers, and batch size, and logged the results in a file.

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10/2022- 12/2022 “**Library Management**” Project.

- App concept is an information system that manages asset circulation and cataloging, as well as membership management, for a library.
- The project aims to automate essential housekeeping functions and expedite the flow of information and resources to library patrons such as book search, check-out, check-in, add books, add borrowers, loans, and fines.
- Worked on this project as front-end developer, responsible for creating the GUI of the website.
- Developed and designed the layout of multiple data tables for various pages, ensuring a seamless user experience for librarians.
- Improved the system’s performance by 25% and reduced errors by 15%.

3/2021- 5/2021 “**Intelligent Cart**” Project.

- Developed user-friendly and responsive web pages using React, Bootstrap for an e-commerce application.
- Implemented a dynamic recommendation system that suggests products based on user preferences and nutritional needs using Python and a neural network.
- Collaborated with back-end developers and designers to ensure the quality and functionality of the web application and to meet the project goals and deadlines.

Leadership/Service:

Vietnamese Eucharistic Youth Movement (8 hours weekly):

- Educate the youth about Vietnamese culture, Catholic faith, and leadership.
- Lead a worship adoration music program for monthly adoration.
- Collaborate with other youth leaders in multiple teams on curriculum and large event.

Available for Relocation