TANG GIA KHANH

No. 22, B27 Street, Hung Phu KDC · +84 328 688 481

**tonykhanh999@gmail.com · linkedin.com/in/tang-gia-khanh-46679a17b/ ·
kentyler1.github.io/next-portfolio/**

I am a highly motivated and dedicated individual seeking a position as a Fresher ReactJS developer. With a strong passion for web development and a solid foundation in ReactJS, I am eager to contribute to a dynamic and innovative team. I possess excellent self-study, inquiry, problem-solving skills, great attention to detail and a desire to continuously learn and grow in the field of web development.

My goal in the future is to become a full-stack developer. I want to develop and expand my knowledge on both Front-end and Back-end side to participate in complex and multi-dimensional projects. I am committed to constantly learning and developing skills to contribute to the success of the team I join.

EXPERIENCE

15/6 – 15/10/2022
SOFTWARE DEVELOPER INTERN, FPT SOFTWARE

I have worked with ReactJS and related libraries like Bootstrap, Router, Material UI, Redux, etc. In addition, I have mastered knowledge of HOOK, Lifecycle Effect, Re-using Logic, Synchronizing with Effects, etc.

PROJECTS

1/4 – 26/4/2023
FRUIT IDENTIFICATION PROGRAMMING, 9.1 (A)

"Fruit Identification Programming" is an application developed to help users identify fruits through image recognition technology. Built with artificial intelligence and image processing capabilities.

Analyse requirements:
- o The project uses Python, OpenCV and Flask library to develop
- o Knowledge of graphics and OpenCV, CNN and SVM algorithms
- o Understand the working principle of OpenCV and have image processing knowledge.

Development:
- o Build a training program using CNN and SVM algorithms.
- o Crawl by scraping website data. With more than 3500 fruit images and 1500 offset layering images.
- o Using Python language to train the model with 93% accuracy.
- o Develop website using flask library and desktop app using OpenCV.

Testing:
- o Program unit testing, such as image recognition algorithms or database operations, must undergo unit testing.
- o Performance testing the programs.
- o Accuracy and Reliability Testing.

Github: KenTyler1/computer_vision (github.com)

10/3 – 15/4/2023

BUILD 3D PROGRAMS USING OPENGL, 8.2 (B+)

Advanced graphics program, build 3D graphics program. The program is designed from C++ programming language, Blender to design 3D aircraft and uses Visual Studio Code to execute.

Analyse requirements:
- o   The project uses C++ and OpenGL library to develop
- o   Knowledge of graphics and OpenGL.
- o   Understand the working principle of OpenGL

Development:
- o   Build a plane and cube 3D objects and using translations to move the plane.
- o   Design images for wrapping cubes and design planes in blender.
- o   Setting up the buttons on the keyboard
- o   Research and document collection.

Testing:
- o   Test individual components, functions, and modules of the software.
- o   Test the integration of OpenGL with other libraries or frameworks used in the project.
- o   Validate the overall functionality of the 3D programs built using OpenGL.
- o   Measure the rendering speed, responsiveness, and resource usage.
- o   Test the software on different platforms, operating systems, and hardware configurations.

Github: KenTyler1/Project_OpenGL (github.com)

1/6 – 15/12/2022

BUILD A TOUR WEBSITE WITH INTEGRATED CHATBOT, 8.2 (B+)

The program is built crawling 100+ tours with 600+ images respectively and over 200+ scenarios using ReactJS library and react-chatbot-kit library to build NLP Bot and Clicking Bot for short is the Dialog Mangement Bot.

Analyse requirements:
- o   The project uses ReactJS framework, NodeJS and MongoDB for development.
- o   UI Design.
- o   Knowledge of NLP bot(Natural Language Processing bot), Clicking bot and Dialogue Management Bot.
- o   Knowledge of security in web programming.
- o   Knowledge of React-chatbot-kit library for chatbot development.
- o   Research and document collection.

Development:
- o   Build UI using ReactJS.
- o   Integrate chatbot into the program.
- o   Crawling script and keyword data from various sources results in over 100 keywords.
- o   Trainning chatbot with more than 200 scenarios and more than 50 clicking bots.
- o   Collect tour data by data scraping and get results with over 100 tours and 600+ images.
- o   Design functions to build Clicking bot and NLP bot.

Testing:
- o   Test individual components, functions, and modules of the software.
- o   Test the security code systems in the program.
- o   Measure the rendering speed, responsiveness, and resource usage.
- o   Test the chatbot for accurate results.
- o   Test other functions of the program such as sending mail, making payments, etc.

Github: KenTyler1/Chatbots (github.com)

5/1 – 28/4/2022

MOVIE RECOMMENDATION SYSTEM WEBSITE, 9.0 (A)

Movie Recommendation System Website is a project to create a website that provides a movie recommendation system based on users' personal preferences.

Analyse requirements:
- The project uses Django framework for development.
- Wep scrapping by Python.
- UI Design.
- Knowledge of recommender system algorithms.
- Research and document collection.

Development:
- Build a movie website using django.
- Collecting data from themoviedb and IMdb resulted in more than 5000 movies.
- Trained by Heroku algorithm from image database.
- Integrate the model into the website.

Testing:
- Test individual components, functions, and modules of the software.
- Test the model's integration with other libraries or frameworks used in the project.
- Accuracy and Reliability Testing.
- Measure the rendering speed, responsiveness, and resource usage.
- Testing the model system, performance and integration

Github: KenTyler1/Movie_RS (github.com)

23/3 – 10/4/2022

DEVELOP AN INFORMATION SAFETY AND SECURITY PROGRAM, 8.7 (B+)

The program is built using code systems in information security including Ceasar cipher system, Affine cipher system, etc. The program uses the Python Streamlit programming language to build the program.

Analyse requirements:
- The project uses StreamLit Python framework for development.
- UI Design.
- Knowledge of cryptographic systems in information security such as Affine, Ceasar, etc.
- Knowledge of Public key and Private key.
- Knowledge of python and streamlit library
- Research and document collection.

Development:
- Build a website using streamlit.
- Building secure code systems for information security.
- Integrate security code systems into the program.
- Build some functions for the program like themes, dropdown lists, etc.
- Integrate advanced security code systems into the program.

Testing:
- Test individual components, functions, and modules of the software.
- Test the security code systems in the program.
- Measure the rendering speed, responsiveness, and resource usage.
- Performance and integration testing
- Testing secure cryptosystems and programs.

Github: KenTyler1/Information_security (github.com)

15/9 – 25/12/2022

BUILDING A WEBSITE FOR SALES MANAGEMENT, 9.3 (A)

This project aims to create a user-friendly interface that is compatible with many devices, making it easy for users to access and use the website on computers, mobile phones and tablets.

Analyse requirements:
- o   The project uses the PHP programming language.
- o   UI Design.
- o   Knowledge of SQL, HTML, CSS and Javascript queries.
- o   Research and document collection.
- o   Knowledge of SESSION and COOKIE

Development:
- o   Build a website using HTML and CSS.
- o   Collect product data from a variety of sources.
- o   Use SQL queries in PHP to perform functions such as product display, ordering, order processing, payment, etc.
- o   Build slide-images functionality, process inventory products using Javascript.
- o   Handling user permissions in PHP.

Testing:
- o   Test the security code systems in the program.
- o   Measure the rendering speed, responsiveness, and resource usage.
- o   Performance and integration testing
- o   Test the correctness and logic of the program.

Github: KenTyler1/Website-sales-management: Xây dựng website quản lý bán hàng (github.com)

SKILLS

- EnglishScore: 420 (B2) · Upper Intermediate of FPT Software
- Front-end: HTML, CSS, Javascripts.
- Frameworks: Django, ReactJS, Webpack, NextJS (2 months).
- Styles: Bootstrap, Tailwind (2 months)
- Back-end: PHP, NodeJS.

- Database: MySQL (RDBMS), Mongo (NoSQL)
- DevOps: VMWare.
- AI: Python.
- Low-code: OutSystems (2 months).
- Besides: C++, Java, Github.
- In addition: Azure, Docker, AWS and Back-end Java are being intensively learned

EDUCATION

2018 - NOW

BACHELOR OF SCIENCE IN COMPUTER SCIENCE, CAN THO UNIVERSITY (CTU)

Relevant courses included Data Structures and Algorithms, Computer Systems Engineering, Computer Graphics and Artificial Intelligence.

ACTIVITIES

I have the ability to self-study, read and study documents in English. Next, I have a high sense of responsibility at work and I have participated in online courses and extracurricular courses to improve programming skills, logical thinking about a problem. In addition, I have the ability to adapt to the working environment and get along well with colleagues around. In addition, I can play sports that don't require much effort.