

Phạm Quốc Cường

Back-End / Data Developer



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EDUCATION

11/2020 - 06/2024

MAJOR: INFORMATION TECHNOLOGY

VNUHCM - University of Information Technology

Graduated, valedictorian of information technology.

Rating: Excellent, GPA: 9.27

English Certificate: B1 CEFR (320 Scores)

Japanese Certificate: NAT-TEST N3

OBJECTIVE

- Short term: Try to study and complete the course to improve your knowledge and skills to create products that can be applied in practice. Practice skills to handle work efficiently, accurately, and quickly.
- Long-term: Becoming a bachelor with a lot of experience, able to serve the job, and bring benefits to the company. Have the opportunity to develop and become a senior employee at the company.

WORK EXPERIENCE

Nextchain Tech

08/2023 - Today

BACK-END TEAM MANAGER

As a Backend Team Manager, I led the development of API architectures, optimized database performance, and ensured seamless integration with frontend systems. I also coordinated team efforts, established best practices, and improved deployment pipelines. This experience enhanced my problem-solving, and strategic planning skills.

Cybozu Việt Nam

06/2023 - 08/2023

FULL-STACK WEB DEVELOPER

I participated in implementing API endpoints, and socket channels, designing layouts, and connecting logic. After the internship period, our project exceeded the planned proposal. I learned a great deal about teamwork, presentation skills, and more.

InsecLab - Information Security Laboratory (UIT, VNUHCM)

02/2023 - 06/2023

INTERN - MALWARE ANALYSIS

Participate in research on emerging developments in the field of information security, focusing on understanding their underlying mechanisms and devising preventive measures against new types of malicious code. Explore the application of machine learning techniques to enhance malware analysis.

PROJECTS

QuizPT

06/2023 - 08/2023

MY POSITION IN PROJECT FULL-STACK WEB DEVELOPER

• Product: <https://quizpt.com/>

06/2023 - 06/2023

Internship project

Team size 5

CoCoCourses

04/2023 - 06/2023

Course Project

Team size 4

WeQuery

2021 - 2022

My Personal Project

Team size 1

Android Malware Detection

10/2022 - 12/2022

My Personal Project

Team size 1

SQL Injection Detection

10/2022 - 12/2022

My Personal Project

Team size 1

Product: <https://quizpt.com/>

- Description: We have implemented a product that is a trivia game, where anyone can learn. Users can create their own games, host them, choose answers, receive results, and more. With various types of games available, such as single choice, multiple choice, word arrangement, input, and gif games, learning will be more engaging and effective. Users can also play in battle mode, where they can compete solo against another user, interact with others to find the winner, or play in single mode, which functions as an online test or exercise.

TECHNOLOGY DESCRIPTION

Typescripts, NestJS, Svelte & SvelteKit, Prisma, Cloudinary

MY POSITION IN PROJECT BACK-END DEVELOPER

- Product: <https://github.com/pzcuong/IS353-Mang-xa-hoi>
- Description: Create a miniature social learning network that supports learners by suggesting suitable courses based on their previous learning data. Additionally, the network will facilitate connecting learners with similar goals, allowing them to form learning groups

TECHNOLOGY DESCRIPTION

NodeJS, Azure (MS SQL Server), Tensorflow, Pug

MY POSITION IN PROJECT BACK-END DEVELOPER

- Product: <https://wequery.app/>
- Description: To support students, and those exposed to database learning more effectively. When learning about databases, people will find it difficult to know if their SQL query is correct or not in different cases. Therefore, this project will help us, can test the query statement through available test cases. From there, you can edit and improve your query.

TECHNOLOGY DESCRIPTION

NodeJS, Azure (MS SQL Server), Nicepage.

MY POSITION IN PROJECT MAIN

- Product: <https://www.kaggle.com/code/phamquoccuong/android-malware-detection>
- Description: Detecting Android malware samples based on hybridizing image-based features with deep learning techniques

TECHNOLOGY DESCRIPTION

Python - Machine Learning Models as Random Forest, XGBoost,...

MY POSITIONA IN PROJECT MAIN

- Product: <https://sql-injection-attack-detection-by.onrender.com/>
- Description: Currently, cyber-attacks have a very serious impact on security, personal and organizational information. Given the above problem, it is required to have a machine learning application to detect whether the content of a SQL query is dangerous or benign.

TECHNOLOGY DESCRIPTION

Python - Machine Learning Models as Random Forest, XGBoost, VGG-14,...

CoCoEdu

10/2022 - 12/2022

Course Project

Team size 5

MY POSITION IN PROJECT LEADER, BACK-END DEVELOPER

- Project: <https://github.com/pzcuong/SE104-QuanLyHocSinh>
- Description: In the 4.0 technology trend, it is becoming more and more popular to technology and automates daily tasks. Within the scope of the guided topic, based on the members' knowledge and skills in technology, our group decided to choose the object for research which is the type of student management.

TECHNOLOGY DESCRIPTION

NodeJS, Azure (MS SQL Server) , Pug Render.

ACTIVITIES

11/2020 - 11/2023

BAN HOC TAP KHOA HOC VA KY THUAT THONG TIN

Position: Head of the club

Create contests, seminars on academic to help share knowledge and skills to students.

HONORS & AWARDS

2024

Certificate of Merit from the Chairman of Ho Chi Minh City People's Committee for graduating with the highest score in university.

2024

Certificate of Merit from the Director of Ho Chi Minh City National University for excellent university graduation.

2020 - 2023

5 consecutive semesters receive a FULL scholarship from the school.

2020 - 2023

School awards: excellent achievements in learning and training for 5 semesters.

2022

Acquired the "Sinh viên 5 tốt" certificate

2018

3rd prize at school level (high school level) English speaking contest.

CERTIFICATIONS

05/2023

B1 CEFR - 320 English Score (English Certificate)

01/2023

Supervised Machine Learning: Regression and Classification - Coursera

04/2022

NAT-TEST N3 FROM GTARGET Co., Ltd (Japanese Certificate)

2022

Build a mobile app with Google Sheets on Glide and no coding - Coursera

2021

MongoDB Basics FROM MongoDB

