

Khai Vern Kok

Web Developer

BSc Computer Science student at Loughborough University, with a passion for full-stack web development. Looking for a role where I can improve my current skillset and learn from senior team members while sharing innovative ideas in this industry.



khaivernkok1999@yahoo.com



0167150908



Melaka, Malaysia



09 August, 1999



khaivern-portfolio.netlify.app/



github.com/khaivern

SKILLS

JavaScript

C#

TypeScript

PHP

Java

React

NextJS

NodeJS/Express

Vue

Laravel

REST/GraphQL

Mongoose/Sequelize

Docker/Kubernetes

LANGUAGES

English

Native or Bilingual Proficiency

Malay

Native or Bilingual Proficiency

Mandarin

Limited Working Proficiency

INTERESTS

Intelligent AI

Web3

Databases

Responsive design

Cryptocurrency

Blockchain DS

Machine Learning

EDUCATION

Computer Science & Artificial Intelligence

Loughborough University, United Kingdom

10/2018 - 07/2021

First Class Honours

Assignments

- Demonstrate AI concepts by developing an intelligent AI opponent (*Unity & Blender*)
- Create a machine-learning model that label images correctly (*TensorFlow & Python*)
- Develop a helpdesk system in a team of 5 under an agile environment (*WordPress & Laravel*)
- Implementing common HCI patterns in a mobile app (*Android Studio & Java*)

WORK EXPERIENCE

Open Source Contributor

Zero-To-Mastery

09/2020 - Present

Global open source playground for the coding community

Achievements/Tasks

- Collaborating with community developers and managers from around the world on GitHub, StackOverflow and Discord
- Took part in the Animation-Nation Hacktoberfest, where the challenge was to use only HTML and CSS
- Contributed to the public Job Board project, a place for developers to show recruiters they are available for hire using SCSS, HTML & JavaScript

Teaching Assistant

Loughborough Student Union

10/2020 - 04/2021

Organisation, led by student volunteers focused on assisting students

Achievements/Tasks

- Monitor and record the progress of students while providing the supervisor with detailed and regular feedback
- Guide students to fully understand and solve complex lab questions through the use of pseudocode and similar examples
- Provide useful feedback and improvement suggestions when reviewing student assignment projects

PERSONAL PROJECTS

1. Created and managed a travel sharing website

- [Summary : Store various user's travel logs with built-in maps feature using google maps JS SDK using React for the frontend and Express.js for the backend](#)
- Technologies / Languages: React, NodeJS, MongoDB, JavaScript, TypeScript, Heroku

2. Created a file-system blog website

- [Summary : A website showing some of my blog posts written in markdown syntax and parsed to regular html using react-markdown package, developed using Next.js](#)
- Technologies / Languages: Next.js, TypeScript, Context API, MongoDB, Markdown Syntax, Vercel

3. Interactive browser-based coding environment

- [Summary : Like a Jupyter Notebook, but for JavaScript. This project allows users to bundle and transpile code directly in the browser using esbuild](#)
- Technologies / Languages: React, Redux, TypeScript

4. Discover Coffee Shops near your location

- [Summary: Using FourSquare Places API to generate a list of coffee stores, the list may vary based on user's location. The coffee stores can be upvoted and data will be persisted to the cloud database](#)
- Technologies / Languages: Next.js, AirTable, JavaScript, Vercel

5. Find habitable planets with NASA's exoplanet data

- [Summary: A project for NASA to schedule, cancel and view mission launches to planets that meet a certain criteria. Mission data includes the launch date, rocket type and customers field](#)
- Technologies / Languages: React.js, Node.js, MongoDB, JavaScript, Heroku