

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.



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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

Ethereum/ Solidity

Databases

Responsive design

Cryptocurrency

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

Peer Mentoring

Loughborough Student Union

10/2020 - 04/2021

Support network program to help students through their first year

Achievements/Tasks

- Providing computer science course related tips and answering questions about extra curricular activities
- Guide students to fully understand and solve 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. Netflix video streaming website

- [Summary: Slim-down version of Netflix where users could watch and react to videos. Authentication is handled with Magic, a password-less option and user statistics are stored with Hasura. Videos are grouped to categories and are populated using Youtube's Data API.](#)
- Technologies / Languages: Next.js, Hasura, Magic, GraphQL, TypeScript, 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