PARIS MONGKOLKUL
Computing Graduate

+44 7988590743

paris.kawmai@gmail.com

www.kawmaiparis.me

*British & Thai dual nationality
- eligble to work in the Uk*

WORK EXPERIENCE

SERTIS
Full Stack Developer Intern | July 2019 to September 2019

· Solely developed phase 2 of Diamonds Teach for Thailand, a web platform used by
  teachers to manage and generate exams using statistics-based algorithms.
· Worked on Fermi, a Smart Contracts energy platform, using Truffle Js and Gananche for
  blockchain implementation and wrote unit tests using Mocha and Chai Js.
· Implemented a RESTful API which uploads and stores big data for the Data Science team
  using Node with JWT and Passport Js (Google OAuth2.0 service).

Garena Bangkok
Software Engineer Intern | July 2017 to August 2017

· Systematically went through mobile games to scan for bugs and presented the result.
· Conducted a player based survey to analyze in-game events to improve product marketing.

PROJECTS

Clueless Verfication ZPK · Kotlin & React Js

· Created a distributed ledger proof of concept system for verifying digital credentials.
· Implemented Zero Knowledge Proofs and achieved decentralization using Hyperledger
  Indy SDK, with direct support from Sovrin.
· Integrated CI/CD through Azure and deployed through AWS.

Obeo · Java

· Developed an Android application that allows tourists to connect with locals and vice versa.
· Integrated CI/CD, cloud features, and deployment through AWS.
· Incorporated Mesibo third party messaging service and Google Maps API.

Thai Society Web · Node & React Js

· Solely developed and maintained a web application for Imperial Thai Society to announce
  events and record members' information.
· Styled with Anime Js and deployed using Nginx through Google Cloud Compute Engine.

Arm 11 & the bot · C

· Built an arm 11 emulator and assembler in a group of four with Raspberry Pi.
· Created a marketing bot that automates online shopping sites as a project extension.
· Graded A* overall.

EXTRACURRICULAR AND VOLUNTARY WORK

- Imperial College Thai Society -

President | 2019 - present

· Oversee all events, manage committees and finance, represent society with Union, and
  maintain relations with external organisations.
· Provide a family-like community for all 90+ Imperial Thai students.

Event Coordinator / Screenwriter / Actor | 2017 - 2019

· Organised a variety of private and public events for the Thai Society and external members.
· Performed as a main cast in the annual Imperial-UAL play (500+ attendees) and lead the
  production team of 60+ active members in the year after.

- Harrow International School Bangkok -

House Captain | 2016 - 2017

· Head of the Byron house, consisting of 400 students and teacher, with responsiblity to
  delegate work and deadlines to comittees, oversee house events, and organize meetings.

EDUCATION

From October 2017 to June 2020
BEng Computing (Predicted 2.1)
Imperial College London

Individual Final Year Project: Autonomous Investment
Agents for Decentralized Finance (DeFI) Protocols

● ***Third year Modules:***
Type Systems for Programming Languages, Robotics,
Advanced Databases, Computer Vision, Introduction to
Machine Learning, Finance and Financial Managment

● ***Second year Modules:***
Algorithms II, Computational Techniques, Compilers,
Models of Computation, Networks and Communications,
Operating Systems, Probability and Statistics, Software
Engineering Design

● ***First year Modules:***
Hardware, Architecture, Databases, Logic, Reasoning
about Programs, Discrete Structures, Mathematical
Methods, Graphs and Algorithms

From September 2013 to June 2017
**A-levels of Computer Science, Physics,
Maths, Further Mathematics (A*A*A*A)**
Harrow International School Bangkok

CORE SKILLS

Advanced	Java JavaScript	C HTML & CSS
Intermediate	C++ Haskell	Python
Beginner	Elixir Solidity	Go Kotlin

Node & React
Unit Testing: Java JUnit, Js Mocha & Chai
GCP: Compute Engine, Cloud Function,
Cron job, Cloud Storage
AWS: CodePipeline, EC2, RDS, S3
Digital Ocean, Heroku
Kubernetes, Docker
CI/CD with Gitlab
Database: **Pig Latin**, Postgresql, MySql, Mongo
Security: JWT, OAuth2, Passport Js
Deployment with **Nginx**
Git version control
Linux based environment
Android development with Java and React Native

· Fluent in English (IELTS 8) and Thai (native).
· Member of the volleyball (competed internationally + 2017
  MVP award) and the badminton team (2016 MVP award).
· Keen interest in filmmaking. Beginner to Intermediate level
  with Adobe Premiere Pro and After Effects.