Vincent Wong

vinymwong@gmail.com ❖(+44) 7729264873 ❖Bristol, UK ❖wongyikming.com ❖LinkedIn ❖GitHub

Due to graduate in 2021. Competent in multiple programming languages, algorithms, as well as teamwork and business skills gained from experiences such as internship and team programming challenges. Specialized in software engineering and pursuing further studies into cybersecurity and artificial intelligence.

WORK EXPERIENCE AND PROJECTS

Moovup. – Developer Summer Intern Jul. 2019 – Sep. 2018
- Collaborated closely with developers and PM to deliver software quality assurance in an agile environment
- Ensured backwards compatibility for new features through introducing automated integration tests
- Implemented backend features such as an endpoint for job search, using: Clojure, SQL, GraphQL, Elasticsearch
- Learnt how to develop production ready code, and understand the development flow within a startup company

MATLAB minidrone competition Aug. 2019 – Oct. 2018
- Designed a line follower algorithm using model-based design within Simulink, and achieved 3rd runner up
- Deployed the algorithm on hardware and eliminated errors from real-world conditions under time pressure

University of Bristol Student Laptop and Mobile Clinic – Technician Sep. 2019 – Present
- Provide technical support to students, meanwhile developing my interpersonal and technical skills
- Demonstrated my ability to deliver customer services

AI for board game "Scotland Yard" Feb. 2019 – May. 2019
- Achieved 2nd runner up for the performance of the AI against humans
- Shared expertise with teammates by developing the AI collaboratively using Git and effective communication
- Implemented Dijkstra's shortest path finding algorithm for AI scoring method; Design patterns are also utilized

local jewelry shop – Web developer Aug. 2018 – Sep. 2018
- Successfully promoted online appearance through optimizing SEO and targeted audience with analytical tools

La Salle College IT Club – Chairman Aug. 2015 – Sep. 2016
- Bring together committee members, and successfully organized a series of CS workshops for fellow students

OTHER ACHIEVEMENTS

Gold certificate – UK Senior Mathematical Challenge November 2016
Bronze award – The Hong Kong Olympiad in Informatics 2014/15
Champion – mobile app design competition 2015

EDUCATION

BSc Computer Science – University of Bristol Sep. 2018 - Present
First Class Honours
Units: Computer Architecture; Language Engineering; Data Structures and Algorithms; Probability and Statistics; Communication, complexity and number theory; Concurrent Computing; Imperative, Functional and Object-Oriented Programming; Databases and Cloud Concepts
Active engagement with the Computer Science Society, participated in team programming challenges such as Google Hashcode and BAE cybersecurity Capture the Flag; Orienteering society; Hong Kong public affairs and social service soc.

A-levels – King Edward VI College, Stourbridge Sep. 2016 – Jul. 2018
- **A* and 4As**, including A* in Math, and A in Computer Science, Further Math, Economics and Chinese
- Subject award in Computer Science, designed a scheduling algorithm for my independent project

SKILLS & INTERESTS

Technical skills	
	Web development, JavaScript MVC, *Vue.js*; Relational DB, *SQL*; Cybersecurity
	Object-oriented programming: *Python*, *Java*, *Django*; Imperative: *C*, *C++*; and functional: *Haskell*
	Data Analysis; Microsoft Office, *Excel*, *Word*, *PowerPoint*;
Other skills	Teamwork; Research; Customer Service; Management; Public Speaking; Leadership
Interests	economics; diversity; orienteering sports; photography; volunteering