Vincent Wong

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PROFILE

I am a second-year Computer Science student with experiences in team programming challenges and a previous internship. I am a resilient learner and a good team player who is willing to take on challenges that require critical thinking and problem-solving. I am looking for a summer internship or placement opportunity in software product engineering, or related disciplines.

SKILLS

- **Teamworking**
  Throughout the hackathons that I have participated in, I have prided myself on my ability to work with people across engineering disciplines. I am also a logical and openminded person who would be able to put together ideas in solving challenges.
- **Critical Thinking**
  I developed strong critical thinking skills in analysing data and making recommendations throughout my degree. I also worked part-time as a student technician, where I resolve challenging issues with clients.
- Web development: JavaScript MVC, Spring Boot, Relational Databases, SQL
- Cybersecurity, Data Science
- Object-oriented programming: Python, Java; Imperative: C, C++; and functional: Haskell

EDUCATION

University of Bristol - BSc Computer Science, Expected First   **2018 - 2021**

- Developed competency in programming with imperative, object-oriented and functional programming, as well as profound knowledge in data structures and algorithms
- Hands-on experience with web technologies such as microservices and database, as well as developing a web application for a lecturer
- Other noteworthy units include concurrent computing and data science
- Leadership role in the Hong Kong public affairs and social service society, help organized several social events for Hong Kong students across British universities
- Active participation in extra-curricular activities, such as joining hackathons with friends across engineering disciplines
- Taking part in competitive orienteering sports

A-levels – King Edward VI College, A*AAAA   **2016 - 2018**

- A* in Maths, and A in Computer Science, Further Maths, Economics
- Subject award in Computer Science. I designed a scheduling algorithm for my independent project.

WORK EXPERIENCE

Student Technician | University of Bristol   **Sep 2019 – Present**
The Student Laptop and Mobile Clinic

- Provide technical support to students, meanwhile developing my interpersonal and technical skills
- Demonstrated problem-solving skills in resolving challenging issues, and deliver customer services

Developer Summer Intern | Moovup   **Jul 2019 – Sep 2019**
Moovup is a start-up for a job platform

- Delivered software quality assurance, and developed automated testing from the ground up as part of the DevOps cycle in the agile development team
- Present my findings in bug reports and issues with meeting design specifications in daily standup meetings
- Resolved bug reports by identifying the root cause and worked closely with other developers
- Developed backend features with the stack: Clojure, SQL, GraphQL, Elasticsearch

ADDITIONAL INFORMATION

MATLAB mini-drone competition   **Aug 2019 – Oct 2019**
- 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

AI for the 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 pathfinding algorithm for AI scoring method; also utilized design patterns

First – BAE Systems cybersecurity Capture the Flag (University of Bristol)   **2019**

Gold certificate – UK Senior Mathematical Challenge   **2016**

Bronze award – The Hong Kong Olympiad in Informatics (14/15)   **2015**

INTERESTS
I am a curious learner who loves to experiment with some of the latest technologies. I am also an adventurous and easy-going person who enjoys hiking, photography, and sometimes doing volunteer work.