Ken-Chi Huang

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Enthusiastic, passionate, and hard-working individual with a deep interest in front-end software engineering. A proficient user of programming languages such as Java and C-based languages and keen to develop my technical skills further. I am currently in my second year of university at King's College London undertaking my BSc in Computer Science. I hope to become a front-end software engineer.

Key Technical Skills

Programming Languages:	Proficient: Java
	Intermediate: C++, Swift, C#, MySQL, Golang, ReactJS, CSS, JS, HTML
	Basic: Scala, React-Native
Main Competencies:	Git, Adobe Creative Suite, Microsoft Office Suite

Education and Qualifications

BSc Computer Science with an Industrial Year: September 2019 – Ongoing

King's College London

On track to a 1:1, currently at 71%

Key Modules:

1) Database Systems (79%)
2) Data Structures (86%)
3) Introduction to Professional Practices (100%)
4) Programming Practices and Applications (Java Programming) (75%)
5) Foundations of Computing (Discrete Maths and Logic) - Pending
6) Internet Systems (Networking, HTML, JS, and CSS) - Pending
7) Practical Experiences of Programming (C++ and Scala Programming) - Pending
8) Robotics Group Project (Robotics Operating System) - Pending

A Levels: September 2017 – June 2019

Tiffin Boys Grammar School

Mathematics (A), Government and Politics (A), and History (A*)

Projects

Airbnb Java Application: Achieved 77% for the assignment.

- Worked on the implementation of the Google Maps Streetview API in which ambiguous issues arose around incompatibilities between JavaFX and the API, which required me to find a solution quickly to complete my portion of the project.
- Worked in a team of four to develop a JavaFX application to retrieve data from a csv file and implement Google Maps API for 360-degree street view.

Unifin/CoinControl:

- Worked in a team of three to develop a React-Native based Fintech application.
- Encountered ambiguous compatibility errors between iOS and Android, which required quick thinking and the use of my problem-solving skills to fix.
- Successfully implemented Google Firebase and the Cloud Vision API while simultaneously working on parts of the dark themed UI using CSS within the constraints of a strict 24-hour deadline.
- The project started off as a submission to hackSheffield6 and won the categories for best Fintech project and best implementation of Google Cloud.

Work Experience

British Airways: July 2018 – July 2018
Flight Operations Programme Student
- Completed flight operations training which included team exercises and assessments as well as shadowing senior members at their headquarters.
- Led my team in group exercises to push different conversations when trying to solve the problems presented to us while maintaining good communication with teammates.
- Received positive feedback from the programme managers and pilots after taking the pilot maths test and the flight simulator work.
- Upon completion of introduction training, we observed operations at the head office and an invitation was extended by management to go gliding with senior pilots.

British Heart Foundation: October 2016 – January 2017
Volunteer worker
- Accommodated customer requests in a team of 9 and diligently performed each task.
- Received positive feedback from co-workers on communication ability and team spirit which contributed to team effectiveness.
- Assisted in streamlining the item processing process at the back of the store.

Positions of Responsibility

Senior Prefect: April 2018 – June 2019
Tiffin Boys Grammar School
- Worked within a senior prefect team consisting of senior prefects and the head boy in managing major events and helping prefects with their duties.
- Helped solve issues surrounding missing prefects or issues around events.

Co-Founder and VP of the Photographic Society: June 2016 – July 2019
Tiffin Boys Grammar School
- Co-founded the Photographic Society at my secondary school and co-ran it.
- Heavily involved in proposal to increase the budget of the society by 10% to encourage student participation in our weekly meetings as well as managing the budget to maintain a healthy surplus.

Founding member of the Cinematography Society: April 2014 – December 2015
Tiffin Boys Grammar School
- Helped students tap into their creativity and cinematography skills in weekly sessions.
- Filmed events to broadcast to increase student engagement with events.

Interests and Skills

Hackathons: hackSheffield 6 (2020)
Languages: English – Fluent
Cantonese – Fluent
Mandarin – Intermediate
German – Intermediate
Music: Piano – Grade 5
Interests: Photography, Basketball, Football, Formula One
Skills: Completed course in Professional Skills for a Globalised World

Additional Resources

LinkedIn: https://www.linkedin.com/in/ken-chi-huang-5028561ba/
Personal Website: https://kenchihuang.co.uk
Github: https://github.com/kenchi-huang