Wing Yin Kwok, Hayley

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PROFILE

An undergraduate Computer Science student with enthusiasm and a can-do attitude. Desire to learn and passion about technology. Quick adaptability, initiative and flexibility. Excellent written and oral communication, team working and problem-solving skills. Ability to work under pressure and attention to details.

EDUCATION

The University of Sheffield, Bachelor of Science in Computer Science with a Year in Industry, (2018 - Present)

First-Class Performance in year 1

Relevant Modules: Foundations of Computer Science, Machines and Intelligence, Java Programming,

Web and Internet Technology, Introduction to Software Engineering,

Devices and Networks, Introduction to Algorithms and Data Structures,

Data Driven Computing, System Design and Security,

Functional Programming, Automata,Computation and Complexity

The Hong Kong Diploma of Secondary Education, 2018

7 Subjects graded 5**- 4, with 5** in Information and Communication Technology and 5* in Mathematics

UCAS Tariff Points: 146

TECHNICAL SKILLS

Languages: Java, Python, Ruby, Haskell

Programming/Web: HTML5, CSS, Bootstrap, JavaScript, Flask, Sinatra

Others: MS Office, Adobe Photoshop, Git, Linux, SQLite, MySQL, Agile Software Development techniques, Scrum Methodologies, Algorithm Design, Data Structure, UML diagrams and OOP concepts

COMPUTER SCIENCE RELATED ACTIVITIES

Student Mentor for a Python Course, Code Creators Sheffield (October 2019 - present)

- Help to address students' questions in Python
- Develop skills in explaining technical concepts and delivering educational materials to laypeople in a simple and logical manner

Engineering You're Hired - Internet of Things: Smart Rural Roads (2020)

- Worked with five students from different engineering disciplines for one week
- Investigated into different possibilities in designing a smart road in rural road using Internet of Things technology and presented the ideas in various ways like board room, PowerPoint and poster presentations

Sir William Siemens Challenge (2019)

- Built a lift system with a physical model and a virtual model on website to display the provided data in 48 hours with six students from different engineering disciplines
- Responsible for data manipulation that developed the attention to details

Group Website Project in University (2019)

- Worked with six Computer Science students to build a website from design to delivery including detailed analysis on different requirements and its complexity for implementation as well as maintenance

- Made use of Ruby, Sinatra, SQLite, Bootstrap, CSS and HTML5 to build the website and MiniTest as well as Cucumber to test the website

- Developed skills in dividing a large project into small sections for teamwork and capability to work collaboratively

Python for Web Development Course, Code First: Girls (2019)

- Experience in using GitHub and Heroku

- Delivered multiple projects like a translator in a web app form through Python, Flask, Jinja2, Web APIs and HTML

Treasurer, Sheffield Women in Computer Science Society (May 2019 - present)

- Work with companies in the IT industry like Arm Ltd to promote the role of women within the industry

- Undertake different administrative tasks like coordinating with sponsors and planning on events

- Take up the responsibility to manage and monitor the financial account of the society

- Develop skills in teamwork and communicating with people from different backgrounds like sponsors and BME members in a mature and professional manner

WORKING AND VOLUNTEERING EXPERIENCE

International Engineering Ambassador (November 2019 - present)

- Responsible for representing the Faculty of Engineering to promote the University to prospective students and answering their enquiries in a professional manner

- Developed skills in communicating with people from different background

Academic Representative (September 2019 - present)

- Work alongside the University and Students' Union to improve students' education

- Develop skills in collecting and presenting information better, communicating with people from different backgrounds

Student Mentor for first-year students (September 2019 - present)

- Provide mentees with advice and support

- Develop skills in interacting with newcomers in order to comfort and help them to get adapted to the new environment

Regular volunteering in a local NGO, Lai Yin Association Sheffield (May 2019 – present)

- Provide technical support to elderly such as teaching them how to use Facebook

- Develop communication skills like how to explain different technical skills and terms to laypeople in an understandable and straightforward way

LANGUAGES

Cantonese (Native) | English (Proficient) | Mandarin (Proficient)

REFERENCE

Referee details available upon request