

ANNABELLE WONG

UNDERGRADUATE COMPUTER SCIENCE STUDENT

A detail-oriented and enthusiastic team player, with a passion for discovering and working with new technologies.
Looking for industry placements to improve and broaden knowledge.

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Portfolio: hushabelle.github.io
GitHub: github.com/hushabelle

EDUCATION

Royal Holloway University of London (2021 - 2025)

BSc Computer Science (Artificial Intelligence) with Year in Industry: 1st Class Honours (77% first year)

• **Relevant modules:**

- **Information security & Internet services** - Theory knowledge of internet protocol stack, network security, encryption, and cryptography including entity authentication and identification.
- **Artificial intelligence** - Symbolic AI knowledge aided with the study of multi-dimensional data processing.
- **Software engineering** - Develop code using Git and Test Driven Development (TDD) approach.
- **Algorithms & complexity** - Study of program run-time, sorting and searching efficiency.

Methodist College Kuala Lumpur (MCKL) (2019 - 2020)

A-levels: Mathematics (A), Physics (A), Computer Science (B)

Kuen Cheng High School (2014 - 2018)

11 SPM (GCSE equivalent) subjects including Additional Maths and English

EXPERIENCE

Internships

Cybersecurity intern | G-AsiaPacific Sdn Bhd | Cloud computing (August 2022)

- **Communication:** Worked with a technical team of 10 to develop Terraform code and provision Amazon Web Services (AWS) cloud architecture.
- **Problem solving:** Contributed to managing malware on CloudWatch via Trend Micro Cloud One by querying from logs insights, and programmed AWS CLI Python scripts for deletion automation.
- **Technical skills:** Programmed AWS Python SDK (boto3) scripts to provision and initialise 100+ EC2s with multiple interlinked AWS services.
- **Research and communication:** Formulated a business plan by analysing the company's goal for expansion and advancement, interacting with different departments.
- **Helping skills:** Assisted in providing on site client support alongside 2 supervisors.

IT intern | MNC Wireless Berhad | Telecommunication (June - August 2021)

- Used Python and SQL for develop Research and Development (R&D) in:
 - Client server prototype on chat server.
 - Instant messaging via WhatsApp Application Programming Interface (API).
 - Fetching data from database and sending messages via Telegram API.
- **Organisation and documentation:** Catalogued test case scenarios and prepared a User Acceptance Test (UAT) for a courier service website.

Volunteer

Maths tutor | Royal Holloway University of London CeDAS (September 2022 - ongoing)

- **Self-motivated:** Tutored first year computer science students in mathematical modules.

NOTABLE PROJECTS

Personal portfolio

- Designed and developed online portfolio showcasing web animation and personal CV.

Technologies used: HTML, CSS3, JavaScript, GSAP ScrollTrigger library

Reverse polish notation calculator

- Program provides a GUI view for users to input a mathematical expression and it outputs the evaluation.
- Test driven development approach.

Technologies used: Java, Git, JUnit, SceneBuilder

LeJOS robotics gardening robot

- Worked in a team of 2 in designing and implementing an automated gardening robot.
- Robot maps the dimensions of given boundary (garden), scans area for coloured paper (flower), stores waypoint, visits each waypoint via shortest route from origin, and rotates its watering arm.

Technologies used: Java, LeJOS EV3

Databases

- Program takes in user credentials and connects them to a PostgreSQL server.
- Reads and stores information from given files into the database. Multiple queries are then performed.

Technologies used: PostgreSQL, JDBC

ACHIEVEMENTS & LEADERSHIP ROLES

Competition

(2020)

- Won bronze award for Malaysian Computing Challenge (MCC) competition in Python.

(2020)

Head of graphics for college magazine

- Delegated work according to deadlines, demonstrating project management skills.
- Brainstormed and illustrated design ideas and publication layout using Adobe suite.
- Collaborated with magazine editorial team.

President of Captain Ball Club

(2020)

- Led and delegated club committee of 7 to coordinated weekly club meetings with 40+ members.
- Planned, advertised, and organised intra-college sport tournament, collaborating with college societies.

IT of Counselling Club

(2015 - 2018)

- Photographed, recorded, edited and uploaded club promotional videos and posters, managing all social media accounts.
- Hosted, presented and led club activities with 80+ members with created counselling principles slideshows.

SKILLS

Fluent languages: English, Mandarin, Bahasa Malaysia

Coding: Java(university programming) , Python(university and internship programming) , HTML, CSS3, JavaScript(personal portfolio) , Working SQL and C knowledge

Microsoft suite: Word, Excel, PowerPoint

Adobe suite: Illustrator, Photoshop

Video editing: Final Cut Pro X

Git

OTHER SKILLS & INTERESTS

Music: ABRSM piano(Practical grade 7 ,Theory grade 5) , Yamaha piano(Grade 6)

Media: Videography, photography, editing, music production

Art: Painting, sketching

Sports: Basketball, badminton

ACADEMIC AND WORK REFERENCES AVAILABLE UPON REQUEST