

RIONA JOHN

Third-year Computer Science Student, <https://www.linkedin.com/in/rionaj/rionaalfjohn@gmail.com>

EDUCATION

BSc. Computer Science – Predicted 2.1
A levels Maths [A*], Computer Science, Geography

Royal Holloway, University of London Exp. 2023
Coloma Convent High School 2020

TECHNICAL PORTFOLIO

Restaurant Ordering System using Java, PostgreSQL - Group Project 2022

- Created a fully functional restaurant system both for customers and waiter, kitchen staff.
- E.g. one of the main user stories we worked on was having a menu that you could filter out and make the system intuitive for the customer.
- Used Agile Methodologies – 5 Sprints.

Colour Finding Object Robot using Java LeJOS - Group Project 2021

- Programmed through Java, allowing our robot to find a selected coloured item:
- E.g. if red was selected, it searches a space for a red item and plays a noise.

WORK EXPERIENCE

Avanade Summer Technology Internship July - Sep 2022

- Executed a front-end project that was a Virtual Reality Headset Guide website through my knowledge of React and node.js.
- I had the opportunity to also work on my GitHub skills and introduce to myself to more open source projects such as the luxonis camera which uses depthai libraries that can do several process, one being identifying people's emotions.

Cognext.ai June 2022

- Built a Tesseract model to improve accuracy of parsing financial statements using Python.
- The program would take relevant pages of interest such as the Balance Sheet and Profit and Loss Statement and capture singular words and values that is fed into a model which can provide high level analytics to users.

Amazon Spring Insights Mentoring / Spring Technology Insights May - July 2022

- Learned practical skills to improve my outcome in a technical interview by going through several coding examples, with a focus on Python. E.g. Data Structures and Algorithm Complexity
- Applied problem-solving skills in a technical context by going through a dry run of my pseudocode and my code.
- Shadowed with one of their software engineers and learnt TDD for Python.
- I improved my Python skills during the insight, while learning how to make my code more efficient.

Bright Network Technology Internship Experience UK 2020

- I attended a virtual internship where companies (Goldman Sachs, Google and Amazon) provided classes on topics (learning the importance of rigorous testing of products, how to manage complexity with big projects.)
- This helped me utilise my problem-solving skills to create several solutions to a problem.

J.P. Morgan Think Ahead April 2019

- From this event, I learnt how to manage the time accordingly to each task we got from our brief. It helped me to become more confident in presenting to a broad audience

EXTRA CURRICULAR ACTIVITIES

C2C CTF (Country to Country Capture the Flag) Competition - Royal Holloway 2021

- Winner (Team of 5). [C2C-CTF-Official](#) 2021 competition (cyber security tools) – represented my university

Coloma Convent High School - Computer Science - Subject Ambassador 2019

- I created a club for the younger members of my school to participate in a government educational program associated with cyber security.
- Member of Royal Holloway Computing Society
- Gaming: Valorant, Minecraft, Spiritfarer

SKILLS

- Intermediate Programming: Java, Python, SQL, HTML, CSS
- Beginner Programming: C, JavaScript: React
- Tools: Checkstyle, TDD (Test Driven Development), UML Diagram, SVN, GitHub, NPM
- Beginner Experience in Linux OS
- Proficient in Word/Excel/PowerPoint