

Haaris Iqbal

Computing Graduate

Recent graduate from Royal Holloway, University of London with an honours degree in Computer Science. Analytically minded, particularly adept at problem solving and algorithm design. Agile learner, with a keen interest in various branches of software development.

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EDUCATION

BSc (Hons) - Computer Science

Royal Holloway, University of London

09/2019 - 06/2022

Notes

- Graduated with First Class Honours.
- First in FYP: Algorithms for Economics and Social Choice.

WORK EXPERIENCE

Teaching Assistant

Royal Holloway, University of London · Part-Time

09/2021 - 07/2022

Egham, Surrey, UK

Teaching Assistant in the Department of Computer Science at RHUL. Role selection was particularly competitive for 2021/2022 academic year.

Achievements/Tasks

- Worked in various programming, design, and engineering modules - CS2800, CS1890, CS1840, CS1822, FY1009.
- Assisted students with courseworks, programming tasks and lab sheets. Marked lab sheet checkpoints and milestone worksheets. Supervised and managed several Games team project groups.
- Worked as the sole Teaching Assistant for Year 2 Software Engineering (BCS accredited as Best Practice). Managed lab sessions - taught TDD, use of VCS, and SE methodologies. Resolved significant SE coursework issues on an individual basis.

Developer

Capventures Pakistan (PVT) Limited · Contract

06/2020 - 08/2020

Lahore, Pakistan

Mocca coffee (the subsidiary company of Capventures) is a popular café with multiple locations in major cities throughout Pakistan.

Achievements/Tasks

- Tasked with designing, building, testing, and deploying the Mocca Website. Primarily focused on frontend development.
- Responsible for development of huge elements of the project, including the landing page, menu, locations page, customer carousel, etc.

Development Intern

Plan9 - PITB's Tech Incubator · Internship

08/2017 - 08/2017

Lahore, Pakistan

Plan 9 is a "tech incubator" with the vision of cultivating an entrepreneurial ecosystem and creating commercially viable technology startups.

Achievements/Tasks

- Worked with Web Development team, gained first hand experience in web design. Learned HTML & CSS and observed the product strategies of startups.
- Worked with various startups on their marketing and business development.

SKILLS



PROJECTS

Royal Hackaway v5 · Hacking Video Game
(02/2022 - 02/2022)

- Built simple pseudo-attack commands along with in-game missions to emulate the experience of being a hacker. Developed and written in C# using the Unity Engine within 26-hour time constraint. Collaborated over Git.
- Awarded certificate for Best UX Design.

Google Coding Challenge (06/2021 - 07/2021)

- Given unit tests and a software specifications document, task was to develop a YouTube application.
- Used Test Driven Development (TDD) methodology. Written and Completed in Java. Awarded certificate.

Royal Hackaway v4 · Chess Video Game
(02/2021 - 02/2021)

- Created 2D "enhanced chess" video game in a team of two, within 30h time constraint. Designed from scratch, written in C# using the Unity Engine, with custom sprites and sounds using Piskel and Bfxr. Collaborated over Git.
- Competed for the first time, achieved the position of runner-ups. Awarded medal.

Mocca Coffee Website (06/2020 - 08/2020)

- Website built from scratch for the subsidiary company of Capventures, Mocca Coffee.
- Written in HTML, CSS, JavaScript and PHP, using Bootstrap Framework.

Student Database Application (12/2018 - 04/2019)

- Full-fledged standalone database application. GUI front-end, MySQL database back-end. End of year project, achieved a mark of 100%.
- Written in Python3 using Python Imaging Library (PIL) and Tkinter.

ORGANISATIONS

Royal Holloway Students Union
(09/2021 - 06/2022)

Year 3 Computing Course Representative

TEDx Lahore Women (10/2017 - 10/2017)

Volunteer Organiser

BelBots - Robotics Company (07/2017 - 08/2017)

Advanced Engineering / Robotics Student