

Roman Gurung

Home Address

71 Campden Street
London
W8 7EN

Mobile: (+44) 7737746211
Email: romang2103@gmail.com

Education

Queen Mary, University of London

September 2021 – September 2025

BSc (Hons) Computer Science

Four-year, thick sandwich degree with industrial placement in penultimate year of study.

Relevant first-year modules: Object-oriented Programming, Computer Systems and Networks,
Fundamentals of Web Technology

First year average grade: Lower Second-Class Honours

Relevant second-year modules: Software Engineering, Algorithms and Data Structures,
Graphical User Interfaces

Second year predicted grade: Upper Second-Class Honours

Bromsgrove School

September 2017 – September 2021

A-Levels: Maths (A), Physics (A), Chemistry (B), EPQ (A)

Academic awards: Outstanding Player Award for Football (2018, 2019)

Work Experience

Cognizant Artificial Intelligence Virtual Experience Program | Forage | April 2023

- Performed exploratory data analysis and communicated results of a machine.
- Implemented algorithm production and analysed algorithm performance.

JPMorgan Chase & Co Software Engineering Virtual Experience | Forage | June 2022

- Interfaced with a stock price data feed.
- Implemented JPMorgan Chase frameworks and tools to display data visually for traders.
- Gained organisational discipline and improved knowledge of technical skills such as React.js.

Young Computer Scientist Autumn Internship | InvestIN | August 2020

- Built a calculator and task list using JavaScript, HTML and CSS that I used during A-levels.
- Gained insight into the areas of cybersecurity, focusing on the penetration testing and SQL injections.
- Learned about the rise of artificial intelligence and its future implications.

Projects

Portfolio Website (romangurung.com) | February 2023

- Developed a fully functional portfolio website using HTML, CSS, and JavaScript from scratch, showcasing my projects, skills, and experience in a professional and visually appealing manner.
- Implemented responsive design to ensure optimal user experience across all devices and browsers

Sorting Algorithm Visualiser (personal project) | March 2023

- Built a web app using React to visualise sorting algorithms with algorithm selection, input array resizing, and real-time sorting visualisation features.
- Designed an interactive and intuitive user interface to make sorting algorithms easy to understand.

Weather Application (group coursework) | March 2023

- Led team of 5 by organising meetings, delegating tasks, and helping team members with debugging
- Utilised React JS and OpenWeatherMap's API to develop a reliable platform for airlines providing up-to-date weather information that supports informed decision-making for flight operations.

Issue Reporting Website (group coursework) | In Progress

- Collaborated with a group of 7 to create a full-stack web application for university students to apply for ECs, report issues, and check service statuses.
- Communicated with my group about issues I encountered while writing the code, applying their advice/feedback whilst attended all group meetings and staying organised.

Technical Skills

Programming Technologies | Java, Python, React, JavaScript, HTML, CSS, SQL

Languages | English (Native), Russian (Professional Proficiency), Cantonese (Intermediate), Mandarin (Intermediate)

Microsoft Office | Proficient skills in Microsoft Office applications (Excel, Word, Powerpoint and Teams)

Achievements

Python Programming Fundamentals | BELLHARD Academy

- Gained an insight into what working with python is like through learning the basics and applying this to tasks assigned to me.

Grade 3 Cello | ABRSM

- Passed my Grade 3 exam with merit.
- Determination and time-management helped me accomplish this, balancing homework alongside practice.

EPQ | Bromsgrove School

- Title of my EPQ was 'The History of the Sources of Revenue of the Music Industry and the Impacts of Streaming on the Music Industry'.
- Learnt key skills such as time-management, critical thinking, and research skills.

Combined Cadet Force (CCF)/Royal Air Force (RAF) | Bromsgrove School

- Participated in CCF and RAF training weekly for two years throughout GCSEs.
- Improved my teamwork, communication, and leadership skills.
- Learnt basic survival skills such as first-aid, CPR and map-reading.

Hobbies and Interests

Music Production and DJing

- Proficient in music production using FL Studios
- Completed a summer course at SDJ Studio, learning the fundamentals of DJing, performing for their online audience (300 viewers) at the end of the course.

Sports

- Member of the Queen Mary football team alongside one of their social teams.
- First team Football and Basketball throughout my time at Bromsgrove School.

Interests

- Economics | Subscribed to 'The Economist'.
- Playing chess
- Reading