**Currently on an Industrial Placement at IBM**

My interests lie in the fields of Software Engineering/Development, Artificial Intelligence, Machine Learning & Data Science, and Programming in general. I have a strong passion for solving complex technical problems, taking into account efficiency and performance. I am always on the quest for discovering new ways of coding algorithms, to better my knowledge and improve my skills.

## Work History / Volunteering

**Jul 2022 - present**

### Software Development Placement at IBM

Dual-role Data Analyst and Scientist with a focus on KPI (Key Performance Indicator) reporting, providing critical insights to stakeholders for informed decision-making. Proven track record of producing high-value work for IBM, including reports on hiring, headcount, and cloud spending.

**Sep 2021 - present**

### Employee of University Guild of Students

I am currently employed by the University of Birmingham to help introduce new students to the university, this involved roles such as:
• Welcome Visits – door-knocking in Bournbrook to introduce students to the Community Wardens.
• Helping out with the Mentors stall, giving out flyers, and speaking to students about the scheme.
• Helping out in arrivals weekend, which included helping to move the luggage of new students to their new accommodation, introducing family and friends to the local area, and answering any queries.
• Helped to fill any out-of-hours job roles, necessary for the smooth running of events.

**Oct 2019 - present**

### Student Ambassador

*School of Computer Science, University of Birmingham*

I am employed as one of approximately 20 Undergraduate Student Ambassadors who represent the School of Computer Science.
• Supporting new students coming to experience what the University has to offer.
• This includes interacting with potential students, running tours around the campus, and being knowledgeable about the key landmarks, as well as discussing my experience and answering their questions.
• Being a good communicator - enthusiastic and positive, I enjoy the interactions and hope to put people at ease, alleviating their concerns and helping them to get a rounded and honest view from my perspective.

**Oct 2020 - Jul 2021**

### Guild of Students, Society Committee Member

CocSoc Publicity Officer.

**Jan 2016 - present**

### Optique Opticians Ltd

 • Worked as a receptionist, answering phone calls and booking patients for appointments.
 • Maintained the company website to meet the requirements of the business.
 • Used QuickBooks to handle business payments and invoices
 • Formatted and cleaned CSV data using Python and further imported this data into Excel.
 • Implemented conditional formatting on pre-existing Excel sheets used in the practice.
 • Collected and compared pricing data across competing retailers, presenting this data in a useable format.

# Rahul Gheewala

4th Year Undergraduate (First Class)



## Personal Info

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**LinkedIn**
linkedin.com/in/rahulgheewala/

**Website**
rahulgheewala.com

**Address**
Leicester, UK

## Skills

Fast Learner

Hard Worker

Excellent Communication Skills

Ability to adapt to new situations

Leadership

Efficient

Responsible

## Software

| | |
|---|---|
| Java | ★★★★☆ |
| Python | ★★★★☆ |
| C/C++ | ★★★☆☆ |
| HTML/CSS | ★★★☆☆ |

# Education

**Oct 2019 - present**

**MSci Computer Science with Industrial Year**

*University of Birmingham*

• Year 1 Average - 74%
(Concepts in Computer Science, Object-Oriented Programming, Mathematical Foundations of Computer Science, Artificial Intelligence 1, Data Structures & Algorithms, Logic & Computation)
• Year 2 Average - 78%
(Functional Programming, Team Project, Systems Programming in C/C++, Software Engineering, Security & Networks, Artificial Intelligence 2)
• Year 3 Average - 70%
(Mobile & Ubiquitous Computing, Computer Vision and Imaging, Human-Computer Interaction, Intelligent Robotics, Machine Learning and Intelligent Data Analysis, Algorithms & Complexity)

**Sep 2016**

**A Level Study**

*Beauchamp College, Oadby*

Mathematics (A), Chemistry (A), Biology (A)

**Sep 2011**

**Secondary Study**

*English Martyrs, Leicester*

GCSE 6 A* (Including Maths & Science), 2 A, 2 B, C

# Projects

**Dec 2020**

**Team Project Module - Snake PVP**

This project involved creating a game in Java with the help of 4 other students in my cohort. We were examined on the game's Artificial Intelligence, Networking, Game Mechanics, User Interface, Audio as well as Team working skills, time management, and efficiency. We achieved 82%.

**Jun 2021**

**Software Engineering Module - CovidAid**

This project involved creating a prototype of an app that has the potential to better humanity during the worldwide pandemic. This module involved using professional Software Engineering practices such as scrum, our final mark was 84%.

**Jan 2021**

**Android Reminder App (Personal Project) - MedReminder**

MedReminder is an Android App I made in Java using Android Studio for my mother. The app requires the user to input medications, asking when and how often they should be taken along with the number of tablets per serving. The app then provides a 30 minute and 5-minute reminder in advance to ensure the dose is not missed. The total course of the medication is displayed using a GUI, which shows a  progress bar until completion.

# Achievements

**NCS Completion, Achieved Gold in UKMT Senior Mathematical Challenge, Head of Year Award, Head of Department Business Award, Selected for UKMT Team Maths Challenge, Completion of Cubs and Scouts.**

Git Services ★★★★☆

# Languages

English

Hindi