

Samina Bibi

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<https://github.com/samina-bibi>

University student working towards a degree in Computer Science.

SKILLS SUMMARY

Technical Skills

- Programming Languages: Java (Intermediate), SQL (Beginner), Python (Beginner)
- Operating Systems: Windows, Linux
- Development tools (VS Code, Visual Studio, MS Office)
 - I also have experience in picking up new technologies for research purposes.
- Experience with GitHub (and git) for collaboration and version control purposes.

Teamwork

- Currently working in a VIP (Vertically Integrated Project), where I am collaborating with others on working on a research project (classifying dolphin whistles).
 - This has provided me with experience in an interdisciplinary setting, as well as with people in different stages of university work.
- Have taken a programming projects module, where I worked with peers on solving a given task.
 - Developed communication and task delegation skills during this point.
 - Developed abilities in abstracting out problems.

Research

- Working on a VIP and the Nuffield Research Placement (NRP) has provided me with research skills.
 - I've had experience in searching and reading papers. As well as being able to apply these findings to the research currently being done.
- The projects I've worked on in the past has used specific technologies.
 - In the VIP, this was Pamguard and Raven.
 - Therefore, I had to learn this and pick up a good understanding of this to understand what other sub groups in the research project are doing.
 - During my NRP, I learnt how to use Wekinator, a GUI program for interacting with ML models specifically for musical purposes.

These experiences have given me the capability to pick up new skills and ideas relatively quickly.

EDUCATION

BSc Computer Science, expected completion date June 2025

University of St Andrews, UK

1st year – Computer Science module grade point average of 15.0 (2:1)

Overall module grade point average of 14.0 (2:1)

A levels: Computer Science (A), Maths (A), Religious Studies (A)

The Blue Coat School, Oldham, UK

10 GCSEs: Maths (9), English Language (9)

North Chadderton School, Oldham, UK

AWARDS

Gold Crest Award (for)

Nuffield Research Placement – Optimising Machine Learning Models for Gesture Classification in Music