

Athena Jassur

Objective

I am a highly motivated and well-rounded Computer Science undergraduate student at the University of Southampton. I am highly analytical, quantitative-minded, critical thinker and problem solver. I am confident, outgoing, and have excellent communication skills. I enjoy interacting with people, and I am equally comfortable working as part of a team or leading one. I have excellent programming skills, and I am proficient in Python, Java, SQL and C, and I am familiar with large data management, machine learning and artificial intelligence.

Education

UNDERGRADUATE DEGREE | TO BE COMPLETED IN 2027 | UNIVERSITY OF SOUTHAMPTON

- Subject: BSc Computer Science, G400, on course for 1st class.

A-LEVELS/A | COMPLETED IN JUNE 2024 | CITY OF LONDON FREEMEN'S SCHOOL

- Subjects: Computer Science (A*), Physics (A*), Mathematics (A), EPQ (A) title: 'Will Quantum Computers be as successful as Classical Computers and/or Supercomputers in the next 50 years?'

GCSE | COMPLETED IN JUNE 2022 | SURBITON HIGH SCHOOL

- Subjects: Mathematics (9), Physics (9), Computer Science (9), Chemistry (9), Biology (9), French (9), German (9), English Language (8), English Literature (8), History (8)

Experience

MFS INTERNATIONAL (UK) LTD | AUGUST 2025

- Spent two days shadowing portfolio managers, analysts, and traders, and learning about fixed income investing, including basic concepts of company analysis, security selection and portfolio construction.

FOUNDATIONS OF AI SUMMER SCHOOL | KING'S COLLEGE LONDON | JULY 2025

- A two-week course at King's College London which explored the mathematical foundations and methods of Artificial Intelligence.
- Worked in a group to research and present solutions to the Travelling Salesman Problem. Evaluated and compared these solutions in an individual report.

SOCIAL SECRETARY, SOUTHAMPTON UNIVERSITY SINGERS | FROM JUNE 2025 TO PRESENT

- Manage and enhance the online and social media presence of SUSingers, the oldest Choir at the University of Southampton.
- Working as part of the organising committee to select new members, organise social events and performances.

SCHOOL PREFECT | SEPTEMBER 2023 – JUNE 2024

- Leading prospective parents around the school, answering questions, and engaging with them, being a role model to the younger years, and working as part of the school prefect team. I showed initiative, leadership, communication skills, empathy, and teamwork.

CYBERFIRST FUTURES | CYBER SECURITY COURSE | 1ST AUGUST – 12TH AUGUST 2022

- A course about the threats of cyber-attacks and combating them, using lectures and exercises.

STFC ONLINE PYTHON PROJECT | WORK EXPERIENCE | 27TH JUNE – 1ST JULY 2022

- A course organised by the Science and Technology Facilities Council, where I worked in a team of five on various tasks. Using Python, I completed a model of a proton synchrotron using GUIs.

Skills & Abilities

RESEARCH AND ANALYTICAL

- Data gathering and analysis, from initial data collection through analysis to conclusion.

- Bloomberg skills such as BQL, and SRCH to gather, select and analyse fixed income data.

COMPUTING SKILLS

- Good working knowledge of Python, Java, SQL and C. **PROBLEM SOLVING**

- Attended a range of computing competitions and courses where problem solving is a core competence.
- Working independently during a work experience and solving my own problems on my own project.

LANGUAGE SKILLS

- Intermediate spoken and written French and German

Other Achievements and Interests

ABRSM Grade 8 in Piano and Singing; member of the National Youth Choir of Great Britain's Training Choir; Duke of Edinburgh Bronze (2021) and Silver (2021); Running, Swimming, Horse Riding and Skiing.