

Abdul Musthakin

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EDUCATION

Cathays High School | Cardiff, Wales

Sep 2019 – Jun 2024

- **GCSEs:** 10 A* grades, including Mathematics and English Language.
- **Other:** Welsh Baccalaureate (A*), LIBF Financial Capability (A*), Additional Maths (Distinction).

SKILLS

Programming

- **Python:** Intermediate proficiency with 2 years of experience. Developed several small projects and scripts. Specialises in data analysis and scientific computing.
- **HTML/CSS:** Beginner proficiency. Learnt by following tutorials and creating simple websites.

Software

- **Microsoft Office/365:** Proficient in Word, Excel, and PowerPoint for academic and project use.
- **Google Suite:** Experienced with Google Docs, Sheets, and Slides for collaboration and project management. Utilized extensively throughout secondary school for assignments.

Soft Skills

- **Discipline:** Demonstrates ability to learn new skills independently, such as programming languages and software tools. Makes significant effort to learn advanced mathematics concepts.
- **Adaptability:** Able to quickly adapt to new tasks and environments, shown through successful completion of various school projects and excellent academic performance.
- **Time Management:** Efficiently manages time to balance academic responsibilities and personal interests, ensuring deadlines are met.

PROJECTS

Python GitHub Repository | <https://github.com/Melon-Mao/Python-repository>

Oct 2022 – Present

Developed and maintained a repository of various Python projects, demonstrating proficiency in programming and problem-solving.

- **Mechanical Systems Modelling:** Programs models of mechanical systems, applying principles of physics and mathematics. Displays discipline via self-taught knowledge & skills.
- **Use of External Libraries:** Utilizes several external libraries such as NumPy, SciPy, and Matplotlib for data analysis, scientific computing, and graphical representations.
- **Data Analysis:** Conducts data analysis using Pandas and other libraries, showcasing the ability to handle and interpret datasets.

VOLUNTEERING

Peer Tutoring and Study Aid | Cardiff, Wales

Sep 2021 – Jun 2024

Assisted classmates and peers with their studies, providing tutoring in various subjects.

- **Subject Expertise:** Offered support in subjects such as Mathematics, Science, and English, helping peers understand complex concepts and improve their grades.
- **One-on-One Tutoring:** Provided individualized tutoring sessions, focusing on the specific needs and learning styles of each student. Displayed excellent communication skills.
- **Study Groups:** Organized and led study groups, fostering a collaborative learning environment and encouraging group study techniques.
- **Exam Preparation:** Helped peers prepare for exams by reviewing past papers, explaining key topics, and sharing effective study strategies.