DANIEL BOLD

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EDUCATION

MASTER OF MATHEMATICS, University of Oxford   **2020-2025**
- Predicted 1:1. Scholarship and Exhibition achieved.
- Relevant Modules: Statistics and Data Science, Optimisation for Data Science, Computational Mathematics.

'A' LEVELS, King Edwards VI College, Stourbridge   **2018-2020**
- A*A*A*A (Mathematics, Further Mathematics, Physics, Computer Science).

RELEVANT EXPERIENCE

ASSOCIATE CONSULTANT, Oxford Strategy Group Digital   **2021**
- Completed four intensive workshops on machine learning and statistical analysis for consultancy and finance.
- Conducted market research on a case study with 175,000 data points.
- Presented a 10-minute slideshow to the society, with a 5-minute Q&A.

PRIVATE TUTOR, Freelance   **2021-2022**
- Delivered customised lessons tailored to 8 students, focused on developing their independent thinking abilities.
- Developed and maintained working relationships with parents/carers. Delivered weekly reports on progress.
- Accomplished a measurable improvement of 1 grade improved per exam-taking student.

SPORTS COACH, Places Leisure   **2018-2020**
- Lead children's dodgeball classes, growing a community that produced 35 returning customers.
- Devised effective drill sessions, enhancing players' skills, teamwork, and strategic understanding of the game.
- Fostered a positive and inclusive environment, encouraging sportsmanship and teamwork among players.

VARIOUS PROGRAMMING PROJECTS in Python, SQL, HTML/CSS/JS   **2017-Current**
- Consistently explored new technologies over a 5+-year period, spanning multiple languages and paradigms.
- Constructed a personal website. Designed websites and configured email for student societies and companies.
- Engineered high-performance projects including a chess AI, parallel computing and differential equation solvers.

LEADERSHIP EXPERIENCE

IT OFFICER AND WEBMASTER, The Oxford Writers   **2023**
- Created and managed a website from HTML/CSS/JavaScript, totalling over 800 lines of code.
- Spearheaded the formation of the society and facilitated the launching of infrastructure over a period of 2 months.
- Drove the society to gain 35 members on their mailing list in 2 weeks and grow a social media following of over 400 followers in 9 months.

RESULTS RECORDER, Bewdley High School COVID Testing Centre   **2021-2022**
- Ensured the correct timing and accurate reading of COVID tests of students.
- Oversaw incident management for positive tests, and personally prevented 5 positive cases from going undetected.
- Developed an optimised flow for the processing of tests resulting in a robust, efficient system preventing any outbreaks.

ADDITIONAL INFORMATION & INTERESTS

- **IT Skills**: Microsoft Office, Python, SQL, MATLAB, HTML suite, experience in many other languages.
- **Student Societies**: CapitOx, OSGD, Powerlifting Club, E-Sports Society, Jazz Band, Coding Club.
- **Interests**: Guitar, Piano, E-Sports (Super Smash Bros Ultimate), Hiking, Powerlifting.