Benjamin Hoskings

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Coding Projects

Emotion Recognition Framework   **MATLAB + Python**   **2022-Present**
- Produced a novel facial emotion recognition framework with state-of-the-art accuracies.
- 10-page feasibility study and 40-page technical report both obtained high first grades.

Retail Intelligence Application   **R + Shiny**   **2023**
- Extensive data engineering on real world data to combine data from multiple sources.
- Intuitive shiny application for non-technical business teams to visualise results.

Sports Team Analysis Application   **Python + Shiny**   **2023**
- Web dashboard for coaches to analyse team performance using data from the Strava API.

Smaller Projects
- Have undertaken multiple smaller projects utilising Swift, C, Bare Metal C and Arduino.

Employment History

Applied Data Scientist Internship, Teva Pharmaceuticals   **July-Sept 2023**
- Rapid uptake of a new coding language (R + Shiny) to produce high quality output.
- Interdisciplinary project with multiple teams on a global scale; the project involved business, marketing and data science teams in the UK, Germany and Poland.
- Presenting my project to global leaders of a multi-billion dollar company.

Software Development, Discover Corporation   **2020**
- Developing software used for Novartis oncology reporting.
- "Excellent standard of work, comparable to other full-time employees" – Managing Director.

Education

University of Warwick   **Meng Systems Engineering**   **2020-2024**
Expected to obtain a First-Class Honours Degree.

Millfield School   **2012-2020**
- A-Levels: Maths (A*), Further Maths (A), Physics (A), Chemistry (A)
- GCSE: 9 GCSEs including Maths, English and Triple Science at 8 or 9.

Positions of Responsibility

President, Warwick Snow Club   **2022-2023**
- Successfully running a club of over 200 members whist managing a team of nine committee members, ensuring that each has the necessary support to fulfil their roles.
- Managed the finances of the society, dealing with a yearly budget of £20,000.
- Organised the winter tour, handling the complexities of taking 400 students to France for 6 days.

Captain, Warwick Snow Club   **2021-2022**
- Co-ordinated weekly training sessions; coaching and motivating team members
- Led teams at races, providing support for inexperienced members

Additional Awards, Skills and Interests

Sports Achievements: Member of the English Schools Ski Squad (ESSKIA); 3rd U18 Slalom in a National competition. Completed two Half Ironman Triathlons.
Fundraising: London Marathon 2022: raised over £2000.
Volunteering: Member of the Southwest Volunteering group. Regular volunteer at parkrun
Public Speaking: Delivered a passionate talk about environmental conservation to groups of over 350 people.
Academic Awards: BPHO Senior Physics Challenge Silver, DofE Gold