Luke Bowman

BSc (Hons) Computing and IT
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PERSONAL STATEMENT

A dedicated and ambitious professional, I combine a robust skillset in web development, data management, and programming with a solid background in sports coaching and student mentoring. With a degree in Computing and Software, I've delivered key projects showcasing proficiency in languages such as Python, Java, and various front-end languages, complemented by certifications in responsive web design, front-end libraries, and power platform fundamentals. My coaching and sporting experience highlights my organisational, problem-solving, and teamwork skills. I aim to leverage my unique blend of technical and interpersonal abilities in a challenging tech role.

KEY COMPETENCIES

Data Management	Power Platform	Web Development	Visual Studio
Organisation	HTML5	CSS3	Python
Teamwork	React	JavaScript	Java
Problem Solving	SQL	Figma	Bubble.io

EDUCATION

BSc (Hons) Computing and Software
The Open University, UK (2020 – Present)
Programming Languages: Java, Python, SQL, HTML5, CSS3, JavaScript
Key Modules: Technologies in practice, introduction to computing and technology, mathematics, introduction to computing and technology 2, algorithm's, data structures and computability, Web technologies, Managing IT, Object-oriented programming, Software Engineering, Web, mobile and cloud technologies, Data management and analysis, Computing and IT project
Notable Project Assignments:
Zookeeper – *Simulated a zoo environment focusing on object-oriented programming (Java)*
Erewhon Guest House – *Developed a web application enabling users to record and share diary entries (HTML5, CSS3, JavaScript)*
Morse Code – *Created a Python program to encode and decode Morse code, utilizing a binary tree structure (Python, Jupyter)*
Gallery base – *Designed a database package for managing art gallery records, including client and artwork details (SQL)*
HockeyHub – *Developed a web app connecting hockey players with clubs and peers based on profile similarities, facilitating team management and communication (Bubble, Figma, Pencil)*

Bachelor of Sports Science, Sports, and Exercise (Incomplete)
University Of KwaZulu – Natal, South Africa (2016-2018)
Left to pursue a sporting career and further education overseas.
Key Modules: Physiological Changes in exercise and training, Human Anatomy, Kinesiology and Health Education, Zulu, Biomechanics

National Senior Certificate
Westville Boys' High School, South Africa (2011-2015)
Subjects: Mathematics, Physical Sciences, English, Afrikaans, Art, Geography, Life Orientation

EMPLOYMENT HISTORY

Hockey Coach, Wimbledon Hockey Club (2022 - Present)
Head coach of U10 boys, men's 5s and Ladie's 4s. Assistant coach of U16 boys and U10 girls.
Key Responsibilities:
- Session planning and team selection
- Fixture organisation and communication with opposition teams

Duke of Edinburgh Co-Ordinator, Eltham College (2021-2022)
Managed and organized the Duke of Edinburgh program, collaborating with senior management to meet objectives.
Key Responsibilities:
- Qualified DofE coordinator
- Budgeting for entire year groups, arranging transport and equipment for students
- Facilitating students' progress and ensuring work met required standards
- Speaking publicly at parents' evenings to promote the program
- Negotiating with parents to maintain satisfaction
- Increased enrolment by 7% and competition rate by 15%
- Provided risk assessments to senior management, ensuring venues were suitable for students

PE Staff and Study Support, Eltham College
2018 – 2021
Worked closely with the Head of Sport to support the day to day running of the department and curriculum based lessons, as well as providing expert coaching in core sports.
Main Responsibilities:
- Assisted the Head of Sport with administrative responsibilities
- Planning engaging and inclusive lessons
- Providing study support for key worker children during lockdown, predominately in maths and computing
- Edited sports reports for the school website
- Teaching PE lessons to years 7 – 9
- Providing expert level cricket and hockey coaching

FURTHER ACVHIEVEMENTS & CERTIFICATIONS

- **Responsive Web Design (Certification) –** freeCodeCamp (January 2021)
- **Front End Libraries (Certification) –** freeCodeCamp (July 2023)
- **Microsoft Certified: Power Platform Fundamentals –** Microsoft (July 2022) (Credential ID: I361-5578)
- **Networking Essentials** – Cisco (August 2020)
- **Blockchain with Python** – Code Academy (June 2022)
- **Men's Tier 2 Championship winners** – England Hockey (2018)

REFERENCES

- **Mr Edd Thorogood**
  Head Of School Sport, Eltham College
  ett@eltham-college.org.uk
- **Mr Edward Wright**
  Deputy Head, Eltham College
  ebw@eltham-college.org.uk