Rahul Jake Gill

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Personal Statement

Computer Science graduate with First Class Honours (4.0 GPA) and hands-on experience in Python and JavaScript. Combined academic study with practical work at a start-up to develop problem-solving and web development skills. Looking to grow as a software developer and contribute to impactful projects.

Education

BSc Computer Science (2022–2025)

Oxford Brookes University
 First Class Honours | GPA: 4.0

A-Levels – Greyfriars Oxford Catholic School (2019–2021)

- Mathematics: A
- English: A
- Psychology: B

GCSEs – Greyfriars Oxford Catholic School (2014–2019)

10 GCSEs including:

- Mathematics (A*), English Language (A), Chemistry (A), Physics (A), and Biology (A)

Projects

Final Year Dissertation: "Non-Invasive Boxing Analytics Using Computer Vision"

Oxford Brookes University | Grade: A*

Developed an innovative machine learning system combining computer vision and audio analysis to measure boxing performance metrics without physical sensors:

- Implemented punch detection and speed estimation using bounding box tracking to measure hand-to-bag distance
- Engineered a dual-factor power calculation model integrating punch speed with impact sound analysis
- Applied over a decade of personal boxing experience to inform system design and validation
- Demonstrated practical application of computer vision and machine learning in sports analytics

Demo available at:
https://www.linkedin.com/feed/update/urn:li:activity:7340708873844011010/

ADD PORTFOLIO

Technical Skills

- Programming Languages: Python, JavaScript, SQL
- Web Technologies: HTML, CSS
- Version Control: Git
- Front-End Development: Some experience in creating responsive web interfaces and interactive forms
- EVENTUALLY ADD THE FRAMEWORKS!

Work Experience

Technical Marketing Executive – Cannasa (Start-up Drinks Company)

Duration: January 2022 – December 2023

- Developed and implemented front-end web solutions, including creating interactive forms and user interfaces
- Improved website usability and engagement by enhancing layout, design, and navigation based on user feedback.
- Collaborated with a team on technical aspects of digital marketing strategy
- Contributed to the technical infrastructure of an early-stage beverage start-up

Website archive available at:
https://web.archive.org/web/20250107150352/https://cannasa.co.uk/

References

Gregor Pecnik — Co-Founder, Cannasa

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Relationship: Former manager during tenure as Technical Marketing Executive (Jan 2022 – Dec 2023)