JAMES BAKER

INDUSTRIAL DESIGN

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🔗 James Baker Design   📍 20 Russian Drive, L13 7BT, Liverpool

SUMMARY

Final-year Industrial Design student at the University of Liverpool, with a passion for innovating. Strong foundation in CAD modelling, product visualisation, and functional testing. I enjoy working in collaborative roles, areas which challenge me to think critically and creatively, and any customer-facing environment. My hobbies include photography and motorsports, both of which inspire my design thinking.

EDUCATION

Bachelor's of Engineering in Industrial Design   1st (Predicted)

📍 **University of Liverpool**   📅 **2022 – 2025**

Relevant Modules completed:

- ENGG224: Human Factors in Product Design - 1st (**73%**)
- ENGG221: Product Visualisation & Simulation - 1st (**83%**)
- ENGG209: Solids & Structures 2 - 1st (**75%**)
- MECH212: Engineering Design - 1st (**72%**)

NOTED ACADEMIC PROJECTS

ENGG221: Product Visualisation and Simulation - KEYCHRON K2
Developed a full product animation, focusing on modelling, storyboarding, and rendering a commercial product. The work was of excellent standard such that after grading I was invited to share my insights and guide second-year students through this process.

MECH212: Engineering Design - BEAN-IE BIKE
Led the design and ideation of a cargo bike, primarily the 'station' for marketing new coffee blends. Presented the concept to industry professionals, including operations director for Peleton Liverpool Danny Robinson, who praised the innovative pop-up coffee stall concept. Danny went on to express interest in a real world business collaboration idea.

WORK EXPERIENCE (IN STUDY)

Costco Wholesale   June 2022 – September 2022
Front End Service Assistant. Processed high-volume cash transactions and assisted customers with large orders. Performed stock counts and maintained shop floor operations.

SBS Training & Consulting   June 2023 – August 2024
Barista coach. Assisted in delivering teaching course and hands-on espresso machine operation. Also offered technical support during teaching sessions.

STRENGTHS

Leadership
Led and oversaw a team in the ENGG224 Safaricart project managing usability testing, concept ideation, and redesign.

Problem solving
Credited by fellow students for spending time teaching them hard concepts in challenging ENGG209 Civil Engineering module.

SOFTWARE SKILLS

- 3DS Max
- Canva
- MS Excel
- Corel
- CREO
- Arduino

TECHNICAL SKILLS

- Product Visualisation & Simulation
- CAD Modeling & Rapid Prototyping
- User-Centred Design & Usability Testing
- Motion Design & Storyboarding
- Project Management & Team Collaboration

REFERENCE

Fazil Akin
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