

Steven Young

email@address.co.uk

07712 345678

99 Example Street, Example Town, Example City, EX4 3PL.

Agriculture Engineer

PERSONAL STATEMENT

I'm an adaptable and innovative qualified Mechanical Engineer with over 10 years experiences creating cost efficient designs.

I'm looking to develop my expertise in new concept development, simulation and validation within a forward thinking company based in the Midlands

KEY SKILLS

Technical Skills

- AutoCAD
- Autodesk Architectural
- SolidWorks
- 3D Studio Max
- MS Office
- Microsoft Project

EDUCATION

- Birmingham University
BSc (Hons) Mechanical Engineering and Computer Aided Design
- Matthew Boulton College
BTEC Introductory Diploma in Engineering
- Small Heath School
11 GCSE'S including **Math's (A), Science (A), English (A)**

Certificates

- City & Guilds Mechanical Engineering
- ISO and Safety Compliance

Memberships

- Institute of Mechanical Engineers

EMPLOYMENT

Mechanical Design Engineer

Electronics UK | Birmingham

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Achievements

- Doubled life of liquid hydrogen in vehicle-mounted tanks in collaboration with Chemical Engineers during design of hydrogen re-uptake and sublimation reclamation system.
- Conceived, designed and prototyped a lightweight Infinitely Variable Transmission (IVT) for use with hydrogen fuel cell engines, resulting in a 6% increase in fuel efficiency.
- Played an integral role in patent-pending electric motorcycle concept combining IVT with regenerative braking.

Mechanical Engineer

XYZ Engineers | Birmingham

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Achievements

- Developed low-weight, low friction piston assembly for air pressure vehicle, increasing top speed of prototype by 110% with no decrease in range.
- Enabled 11% increase in output across three product lines by designing, testing and rolling out faster robot-arm assembly.
- Contributed to development of new belting system for a flagship project, leading to 3% friction decrease during high RPM operations.