

Matthew J Bastow - CV

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I have a first-class MEng degree with 1½ years' experience working as a design engineer in the automotive industry. As a result of my exposure to other areas of engineering, including renewable energy and industrial design, I am keen to find a position where I can continue to learn through challenging and diverse roles and tasks.

I believe my strengths are:

- an extremely strong skill set including mathematical and theoretical thinking, high proficiency in the use of CAD tools and excellent communication skills, both written and verbal
- a highly effective and industrious approach to tasks
- my ability to learn quickly and follow processes efficiently
- the confidence to apply my engineering knowledge to new technical areas and to take the initiative in problem-solving
- my enthusiasm and positive attitude

EDUCATION

University of Manchester (2012-16)

MEng Mechanical Engineering with Management – 1st Class

Bristol Grammar School (2003-11)

A level: Mathematics (A*), Physics (A), Design & Technology: Product Design (A)

AS level: English Literature (A)

GCSE: 10 (8A*, A, B)

ENGINEERING EXPERIENCE

Autopacific Group (Horizon Global) (January 2019 – April 2020)

Graduate Project Engineer at Tier 1 automotive supplier and industry leading company of towing, trailering and cargo-management products. Wide ranging role included: in-depth design work using Solidworks, ANSYS and Keyshot as well as hands on laboratory testing and prototyping.

- Sole engineer on majority of projects gave a great deal of responsibility requiring excellent planning, time-management, initiative and the ability to react to and solve problems.
- Lead engineer on flagship *X-Bar* aftermarket product - working closely with many of the company directors, gave me valuable insights into managerial decisions.
- Collaborated with the company's in-house and international supply chain – the vertically integrated structure gave me experience of the entire product cycle from design, through prototyping & manufacturing to sales & marketing.

Design Destiny (March – May 2018)

3-month internship at a fast-paced industrial design consultancy.

- Worked on a wide range of different projects, interacting with clients and contributing directly to successful project bids.
- Gained knowledge of design implications and holistic business thinking.

ENGINEERING EXPERIENCE (cont.)

LIC Engineering (July – August 2015)

Post third year work experience

- Gained a broad insight into the processes and stages involved in large scale engineering projects as well as learning how different team roles interact. Integrated quickly and effectively into the project team for the Rampion Offshore Wind Farm Project.
- Experienced designing and checking to international design codes and standards.

FURTHER WORK EXPERIENCE & PERSONAL DEVELOPMENT

Fallowfield Sound (September 2013-July 2015)

- Founded, directed and subsequently sold a successful sound system rental business.
- Developed in-depth knowledge of equipment, PR with customers, promotion, transportation and setting up of equipment, troubleshooting.

NxNw (North by North West) (January 2014-July 2015)

- Started up and ran a successful monthly night club event in Manchester
- Liaised with artists and club owners; managed promotion and PR.

Hitchhiked solo across North America (July-November 2016)

- Successfully travelled over 5,000 miles through hitchhiking alone.
- Developed interpersonal skills and resilience in the face of the unexpected.

ADDITIONAL SKILLS & INFORMATION

- Currently self-teaching computer programming (Python, JavaScript, HTML & CSS).
- Currently self-teaching Spanish.
- Affiliate of the Institute of Mechanical Engineers.
- Extensive independent travel developed an appreciation of different cultural norms.
- Played rugby for many years helping to build team skills; as captain at both school and university I gained invaluable leadership skills.
- Other interests include climbing, hiking, cycling and reading.
- Dual British & Australian Citizen.