

Job Description: Temporary Industrial Placement- HMI Design Engineer



Department: Model Based Systems Engineering (Electrical/ Electronic Systems)

Job role overview:

To allow for the introduction of new and exciting Human-Machine Interface (HMI) technology across our range of motorcycles, the Electrical and Electronic Systems team is looking to bring in an Industrial Placement Student to work on tasks ranging from benchmarking competitors and designing new HMI concepts to conducting User Acceptance Testing and supporting existing projects.

The placement will be based within the Design Department where your role will be similar to that of a full time HMI Design Engineer. You will work on real projects that directly contribute to the development of production motorcycles. This will provide you with hands-on experience across design research, UI/UX design, rapid prototyping, and validation activities. The work will be real, interesting and relevant to your studies, helping to develop and test a broad range of skills drawn from the knowledge you have gained at University.

You will collaborate with engineering teams, product planning, suppliers, and cross-functional stakeholders. This role strikes a balance between creative design delivery and technical project execution, helping you develop a broad skill set relevant to both digital design and automotive HMI development

We take placement students as genuine contributors, not extra resourcing. You are required to fulfil the role of a designer and contribute to the design and development of current and future instrument clusters for a wide range of motorcycle models. The design department is made up of very focussed design teams, which will give you the opportunity to quickly take on a position of responsibility.

As part of the Electrical Electronic Systems team, you will gain high-level exposure to the end-to-end design, development and manufacturing automotive process. Your contribution will be focused on UI design, interaction design, HMI-specific features, and User Acceptance Testing within our instrument cluster and integrated with connectivity systems. The high-level exposure will give you a practical understanding of how designers collaborate in an industrial or manufacturing setup and help comprehend the bigger picture.

The role is ideally suited to students studying Product Design, UI Design, Graphic Design, or related visual/digital design disciplines.

A high percentage of industrial placement students go on to join Triumph in full time employment after graduating and Triumph often offer sponsorship deals to students whom it aims to bring back into full time employment after graduation.

Report to: Team Leader – Model Based Systems Engineering or Senior HMI Engineers

Location: F2 , Hinckley, Leicestershire

Duties and Responsibilities:

- Support User Acceptance Testing (UAT) activities for current and future HMI projects, including setup, drafting test scripts, and report creation.
- Conduct research, benchmarking studies, and competitor assessments for digital interfaces and emerging automotive interaction trends.
- Support the creation and maintenance of design systems, colour palettes, and interaction patterns for Triumph HMIs using Figma & Adobe Creative Cloud. Manage and support updates to the Figma files for both existing and new HMI projects.
- As a secondary rotation, you may be offered a chance to work in the Marketing or Technical Publications teams.
- As soon as you join Triumph you will undertake an induction programme which will give you the skills required to commence your first projects.
- Our open plan office layout and management strategy promotes effective and timely communication and teamwork.
- To undertake and assist with projects as required by your Manager.
- Any other ad-hoc duties as required by your Manager.

Please note that this role is only open to undergraduates who need to undertake a year out in industry as part of their degree course. To apply for a position please visit our careers page on: www.triumphcareers.co.uk

Person Specification: Temporary Industrial Placement- HMI Design Engineer



	Essential	Desirable
Qualifications and Attainments	<p>Currently studying Product Design, UI Design, Graphic Design, Digital Experience Design, or similar design-focused degree.</p> <p>Must be eligible for a 12-14 month industrial placement.</p>	<p>Modules or coursework involving UX, interaction design, motion design or human factors.</p>
Professional Experience and Skills	<p>Familiarity with Figma and Adobe Creative Cloud (Photoshop, Illustrator, After Effects, etc.).</p> <p>Strong visual design skills and understanding of layout, typography, and colour.</p>	<p>Experience with Jira or similar project-tracking tools. Exposure to prototyping, animation, or 3D tools.</p>
Personality and Motivation	<p>Self-motivated and resilient.</p> <p>Flexible and adaptable.</p> <p>Able to take instruction and work under pressure.</p> <p>Excellent communication skills, clear and concise written and verbal skills.</p>	<p>Passion for motorcycles, digital interfaces, or emerging automotive tech.</p>
Appearance and Characteristics Circumstances	<p>Well presented.</p>	
	<p>Flexible working hours</p> <p>Must be a current University student, eligible to undertake a temporary industrial placement.</p>	