

STREAM

BLO

Team Leader
Warwick Sub

“I’ve always been interested in vehicles: submarines, cars, planes - you name it. Anything mechanical like that sparks interest in me and I love the satisfaction of getting to make an idea come to life. As an avid scuba diver undertaking this project was a logical and rewarding step for me.”

Jack Moore



OUR FUTURE MOVES

STREAM

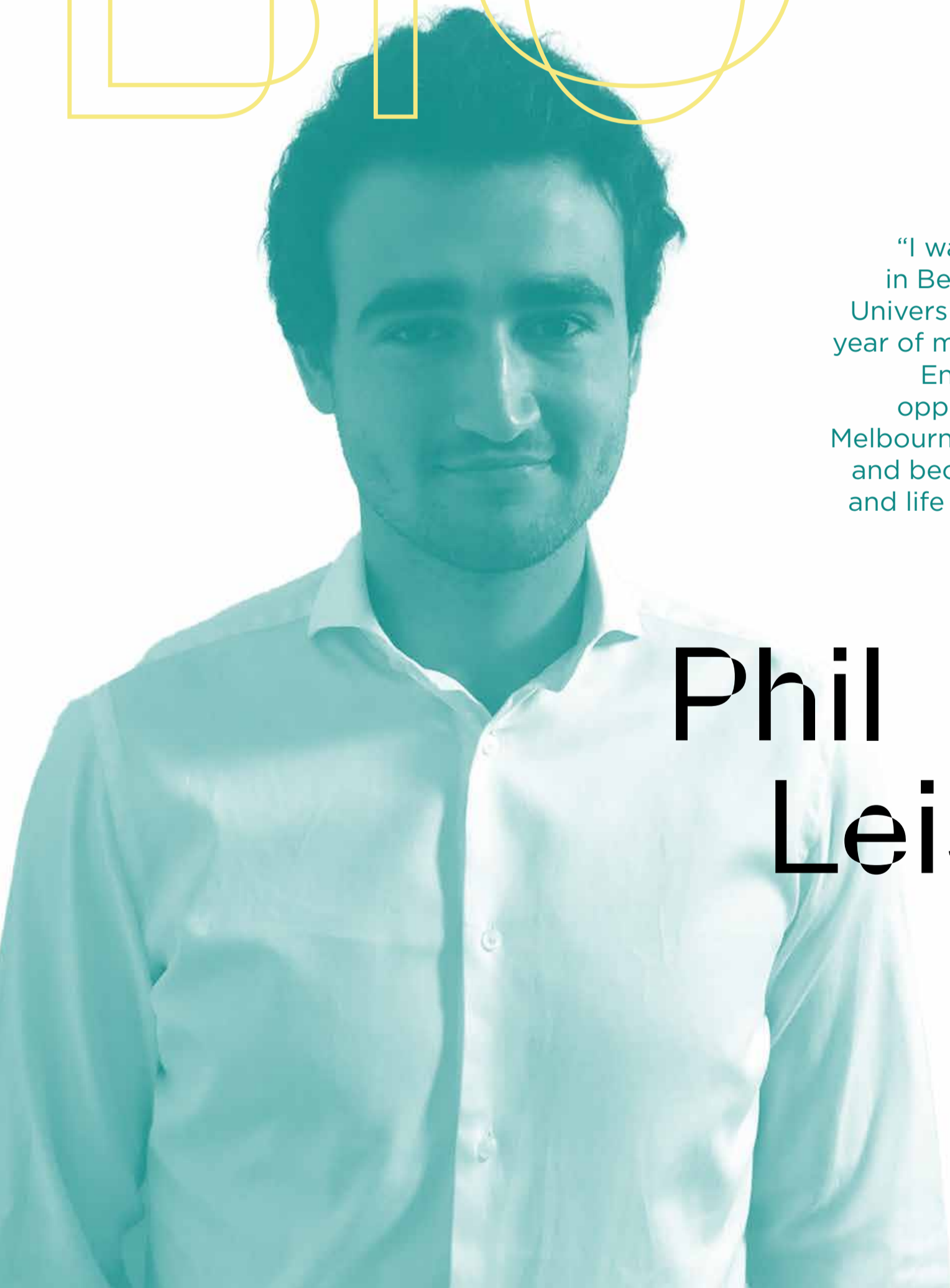
BIO

Power Train Manager
Warwick Sub

“I was born and raised in Brussels in Belgium and moved to Warwick University afterwards. I am in the last year of my MEng course in Mechanical Engineering. Last year I had the opportunity to do an exchange in Melbourne, there I learned how to dive and became passionate about diving and life under the sea. That made me apply to be a member of the Warwick Sub Team”

**Phil
Leiser**

OUR
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STREEM

BIO

Arrowsmith
Engineering

Arrowsmith



Since 1970 Arrowsmith have worked with local training centres and universities to produce engineers. Arrowsmith currently employs three MTC apprentices - Misha, Arun and Holly. Current Inspector Sam Harris completed his HNC after previously completing his MTC apprenticeship. Nathan Haynes is Team Leader of the Milling section after also completing his apprenticeship and HNC. Coventry University Interns Matthew Hughes and Sampath Gundaji have since graduated and have forged successful management positions at Arrowsmith. Arun works in the Inspection department and Holly is completing her first year at the MTC. Misha works in the CNC Machining centres and is mentored by operator Sue Elton.



OUR FUTURE MOVES

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BMW Group

“Since starting my apprenticeship at BMW Group Plant Hams Hall, I have learnt many new skills, working with various systems, robotics, pneumatics, top-end quality equipment and control systems. I’m enjoying the opportunities, including getting involved with different projects like 3D printing and other forward technologies. Our plant has a close family environment and there is never a question which is a problem, people will help you out. It’s more than just work as we support charity and there are social events after work, like football tournaments.”

Maisie

OUR
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MOVES

STREEM

BIO

BMW Group

Harry

“Everyone at BMW Group Plant Hams Hall is very welcoming and I meet new people every day. I begin my placements at the start of each month by shadowing someone, which is really useful as you gain lots of knowledge from more experienced colleagues. As the month goes on and you gain confidence in yourself, they gain confidence in you, and you are trusted to work on your own. I learn a lot from my colleagues, but sometimes they also learn some new things from me. By looking at processes with a fresh pair of eyes, I offer a new viewpoint which can often help in finding a solution. We work by the motto: ‘no question is a stupid question’ because something you might think is a silly question could be the key to solving a problem.”

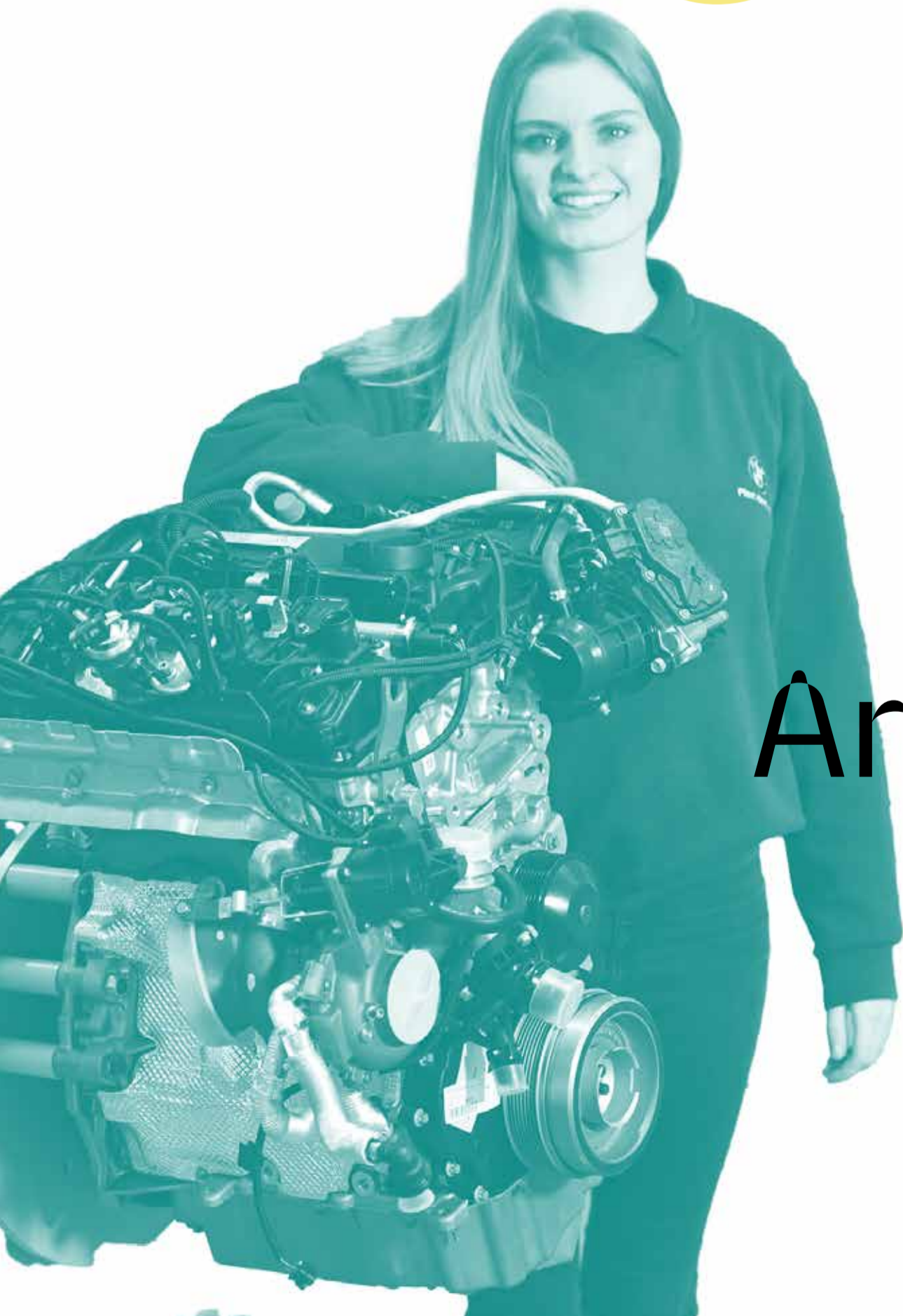
OUR FUTURE MOVES



STREAM

BIO

BMW Group



“Being an apprentice at BMW Group Plant Hams Hall is both challenging and rewarding at the same time. Every day is a new experience. I don’t feel limited, and I’ve been given many opportunities. At the start of my apprenticeship, I learnt the most important things... like making a proper cup of tea... the reason for this was to show that everything has a process, much like building an engine.”

Annabel

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BIO

Transport Worker

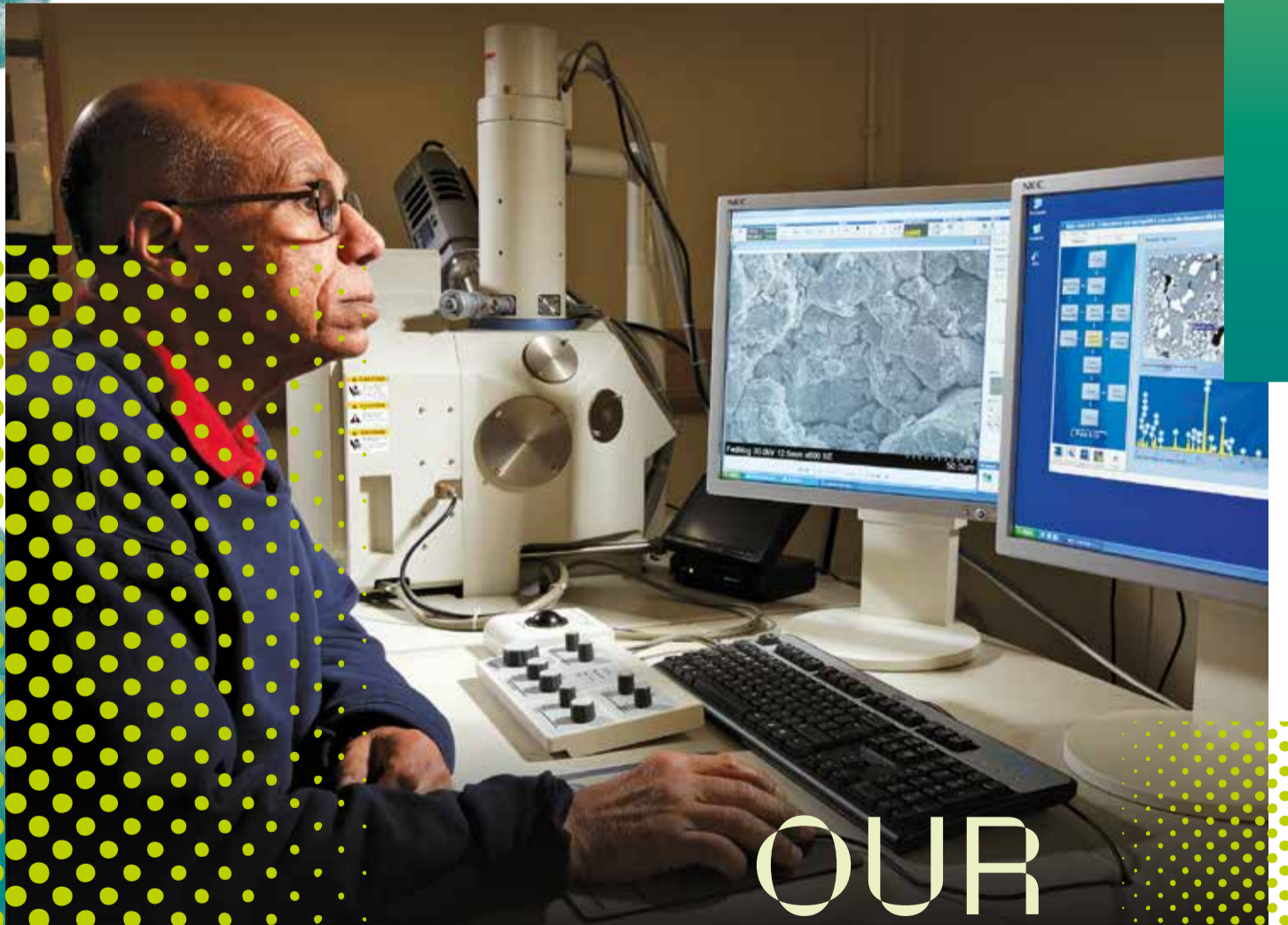


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OUR
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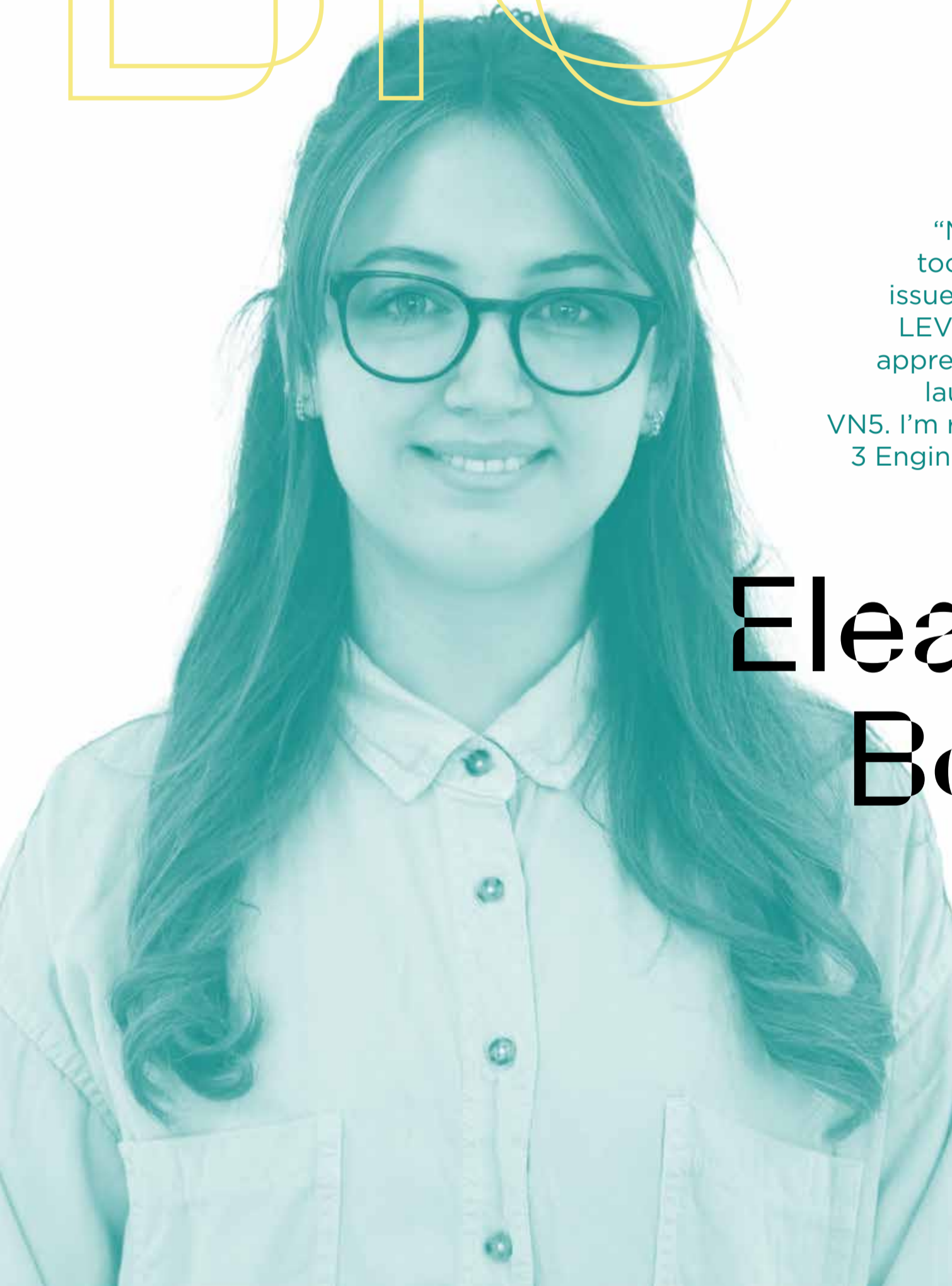
BIO

Manufacture
Engineering
Technician
LEVC

“My job focuses on process and tooling development and solving issues in production. I’ve been with LEVC for five years. I started as an apprentice and then moved into the launch team for our electric van, VN5. I’m really excited to start my Level 3 Engineering Technician qualification in September. “

**Eleanor
Bowes**

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BLO

Production Operator
LEVC

“I started my apprenticeship five years ago and now I’m starting my Robotics Programming course which means I get to design glue paths and have additional responsibility for fixing problems. I really like working for LEVC as it’s a new business and everything is electric. That’s important for our environment! “

Amrit
Shoker

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STRENGTH

BLO

Team Leader
Body Structures
LEVC

“I work on process improvement at LEVC. I love it as there is something different every day. I studied Business Administration Economics in Latvia and I got into automotive manufacturing via my first UK job working for a company that makes vehicle insulation.”

Linda
Konrade

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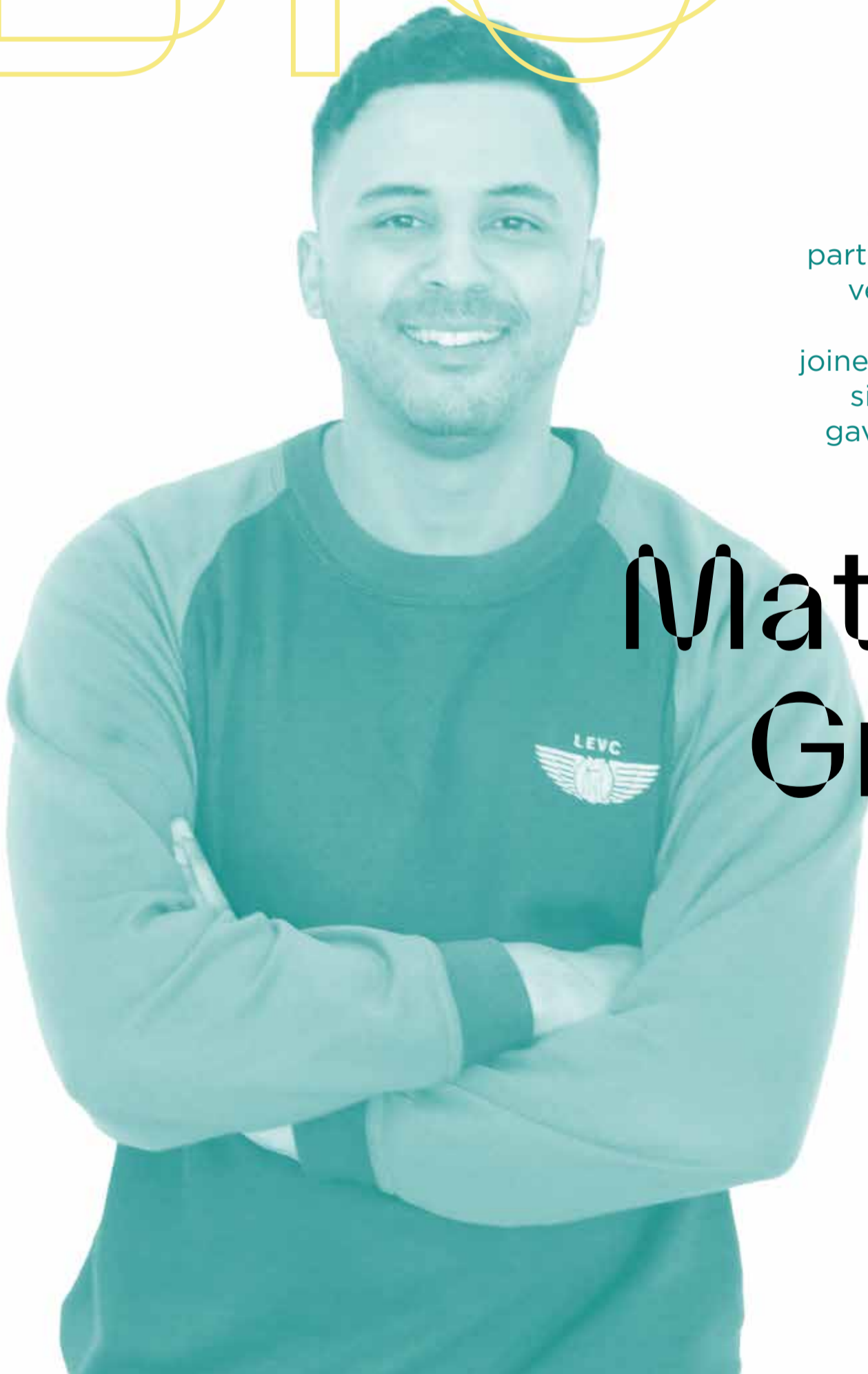
BLO

Pre-Trim
Team Leader
LEVC

“My team oversees critical vehicle parts which are inaccessible when the vehicle is fully built. I completed an apprenticeship with Peugeot and joined the military after that, spending six years in the Royal Marines. That gave me the skills to handle stressful situations, useful for overseeing a critical production area! “

**Matt
Griffin**

OUR
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STREEM BIO

Coventry City Council



**Lead Architect, ICT and Digital Co-chair,
Pride Employees Network,
Coventry City Council**

“I’m Adam, the Lead ICT & Digital Architect at the Council. Born and raised in Coventry, my journey into ‘tech’ started as a 16-year-old work experience student. Now, I play a key part in driving Technology Innovation within council IT and City-Wide digital initiatives. I’m passionate about empowering others to use technology in new ways that enrich our lives.”

Adam Simmonds

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BIO

Coventry University
graduate

Graduated from Coventry University with a first class bachelor's degree in Mechanical Engineering with a year in industry. "I am currently working at Brompton Bicycles as a Senior Manufacturing Engineer where I lead a team of engineers. Previously I had worked in the automotive industry at companies such as Aston Martin and McLaren."

Aimee

OUR
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STREEM

BLO

Connected
car engineer
Jaguar Land Rover



Sonia
Sin

“I always wanted to work with cars because I wanted to have an impact on how cars interact with society and how we can change the impact we have on the environment. From day one, I was honestly amazed by what I was doing every day, and what I knew was coming in the future. My first week went by so quickly.

180mph to be precise. Experiencing the cars is really important to get your mind into a customer’s way of thinking. So, to be driven round our test track at 180mph in an F-TYPE prototype was an experience I’ll never forget. What I’ve seen has really opened my eyes. The investment in R&D is incredible.

And the level of detail we go into blows my mind. I’ve been working on Lithium-Ion batteries for the telematics unit. Tracking vehicles and being able to analyse data and share knowledge with other vehicles for example, is crucial to deliver a more connected world.”

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STREEM

BIO

Maintenance
Apprentice
Advanced
Manufacturing

“I’m a Maintenance Engineer on a Advanced Manufacturing Apprenticeship. Engineering always caught my eye growing up. I really enjoyed science, especially robotics. No other female in my family has ever become an engineer before so I wanted to break the mould and thought why not. I’ve loved every minute of my apprenticeship so far. I’m based in paint and I absolutely love all the people and the support you get. I sit on the National Society of Apprentices (NSoA) leadership team. We meet all over the UK for conferences four times a year to discuss the ‘apprentice voice’ and how apprenticeships across all industries can be more inclusive, diverse, structured and benefit apprentices as well as their employers. My proudest moment was being awarded the Top 50 Female apprentices in Engineering which has added a very exciting twist in my career very early on.”

A portrait of Raisa Matadar, a woman with long dark hair and glasses, wearing a dark blue polo shirt with a logo. She is smiling and looking towards the camera.

Raisa
Matadar

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BLO

Connected Car
Integration Engineer
Jaguar Land Rover

“I’m currently juggling five different projects that are all focused on how we connect to cars anywhere in the world. And how we are helping cars learn autonomous behaviour. It’s so exciting! 5G technology, streams of data and advanced cloud and server-based platforms are allowing me to help our cars adapt in the moment to drive efficiency for the customer. Whether that’s predicting when a car needs to warm the seats or start up, or when an engine needs to change performance to match the conditions it’s driving in. Not to mention how we update battery range or infotainment systems in the blink of an eye. “

**Kenneth
Benson**

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STREEM

BIO

Molly Cartwright

Jaguar Land Rover



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STREEM

BIO

Jaguar Land Rover

Sarah Jayne Gall



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STREEM

BIO

Jaguar Land Rover

Sophie Wakeford



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STREEM

BLO

Engineering
Support Officer
Vehicle Certification Agency

Works at the Vehicle Certification Agency's (VCA) Midlands centre in Nuneaton. She is working towards achieving her ambition to become the first woman in her family to qualify as an engineer. Hannah's employer supported her to achieve a Level 3 Engineering qualification via the MIRA Technology Institute (MTI) and she is currently continuing with her studies on an HNC course which will lead to an HND and degree, enabling her to qualify as an engineer.

**Hannah
Phillips**

**OUR
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STREAM

BIO

Former Garage
Mechanic
MIRA Technology Institute

Former garage mechanic AJ looks set for a career in teaching after he combined his love of cars with passing on the knowledge he has gained to young people joining the industry. AJ spotted the opportunity to train as an apprentice with the MIRA Technology Institute AJ said, "For me, being an apprentice was a much better route than going to university because I am able to earn a wage while also learning at the same time. And, even better, I am also helping others to learn new skills and get on in their careers too.

AJ

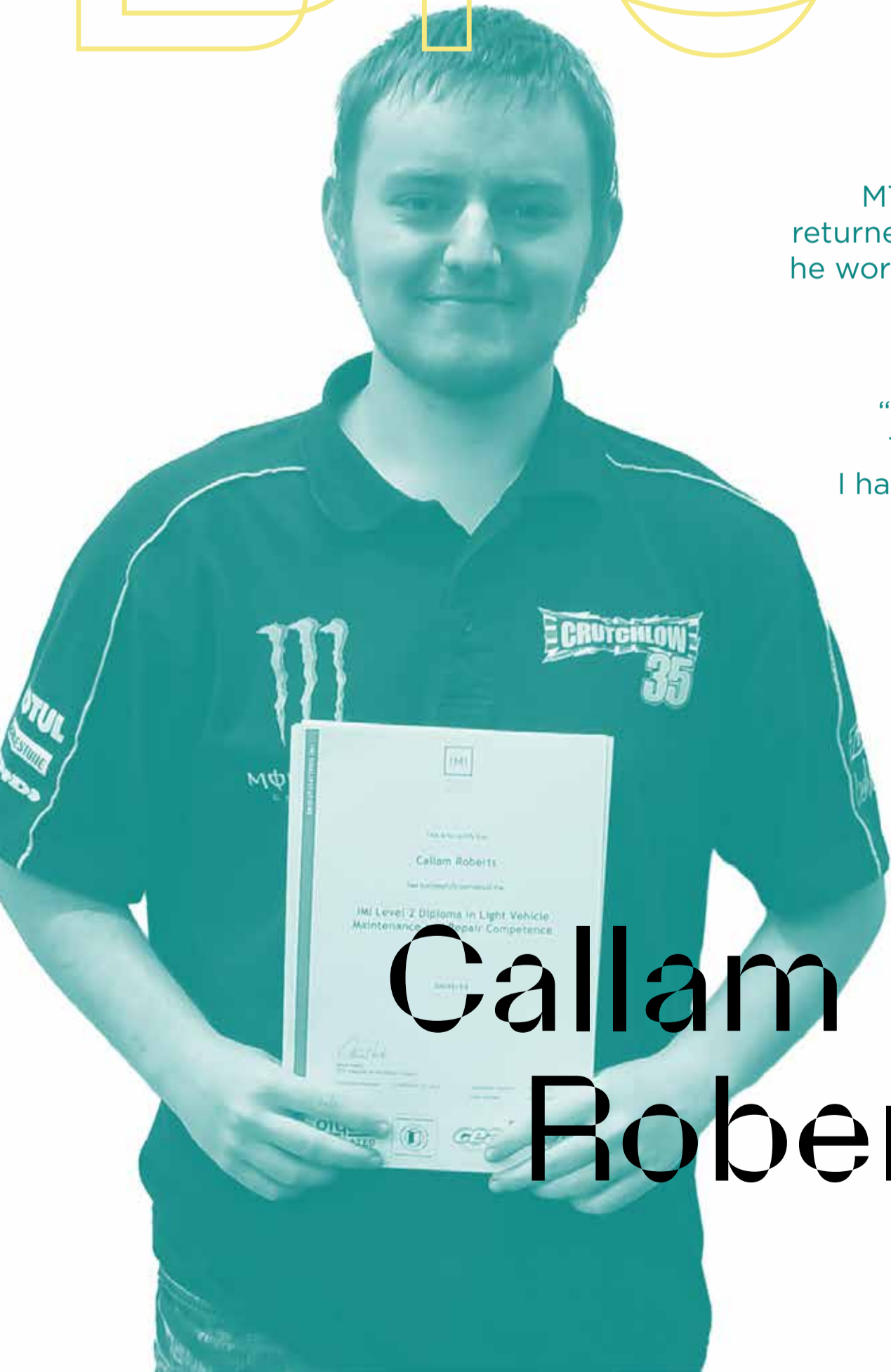
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STREEM

BLO

MIRA Technology
Institute
apprentice



MTI apprentice Callam Roberts has recently returned from a month-long trip to Japan where he worked with technicians from Red Triangle to adapt some original Alvis classic cars.

“I came across an apprenticeship with Red Triangle in Kenilworth and was successful. I have mild autism, ADHD and Asperger’s but this isn’t as noticeable when I am around cars and bikes because I am distracted by something I can concentrate on. I am continuing with my studies and attend the MIRA Technology Institute where we have access to state-of-the-art workshops as well as high-tech classroom spaces. I am currently completing a Level 2 Light Vehicle apprenticeship.

Callam Roberts

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STREEM

BLO

Type Approval
Engineer
Vehicle Certification Agency

Works at the Vehicle Certification Agency's (VCA) Midlands centre in Nuneaton.

As Type Approval Engineer for VCA, Kay is involved with checking and testing new vehicle models for car manufacturers to make sure that they meet government standards and legislation requirements. She said "The HNC is largely theory-based and developing my understanding of engineering will give me an insight into the underlying rationale behind the testing process."

Kay
Frost

OUR
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STREEM BIO

Pashley Cycles Ltd

“I’m Mark, a design and development engineer at Pashley Cycles. The reason I love doing what I do is because of the variety of challenges I encounter and the opportunity to keep learning new skills.

There’s no shortage of problems to be solved and being an engineer, I can’t help but to try and solve them. Stepping out of my comfort zone and trying to understand something new that I haven’t seen before is really exciting. I would urge people not to be afraid if something seems too difficult, but to give it a go and try to understand it because they might surprise themselves; when the understanding arrives it’s really rewarding.”



Mark



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STREEM

BIO

Trailer

Matt and Denny had a great idea for solar power to help run lorry electric systems. Together they pitched the idea to their employers and haven't looked back since.



Matt and Denny

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STREAM

BLO

Project Engineer
Porterbrook Ltd



I'm Hannah Wiles, a Project Engineer working for Porterbrook. I project manage the Innovation Hub. I've been in the rail industry for 3 years since leaving University with an MEng in Mechanical Engineering. I love the variety of my role, getting involved in the technical detail but also project management.

Hannah Wiles

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STREEM BIO

Porterbrook Ltd
Fleet Support Engineer



I'm Anna Gray, and I am a Fleet Support Engineer at Porterbrook. I love my job in the rail industry because, since my university industrial placement year at Porterbrook, I have been involved with many different projects and workstreams, including HydroFLEX (as part of my Final Year Project for my MEng Mechanical Engineering degree), Rail Development and now Fleet Support engineering.

Anna Gray

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STEM BIO

Porterbrook Ltd
Lead Systems Engineer

Charles Calvert

“My name is Charles Calvert and I have been an engineer for the last 6 years. After studying computer systems engineering at the University of Birmingham, I served in the Royal Navy for 3 years as a Weapons Engineer. Since leaving the navy I have been a PhD researcher investigating the field of zero-emission power options for transport. It was from this role that I became the lead systems engineer for HydroFLEX and have been doing this since the project’s inception in 2018. My job is great because I get to be right in the mix of the design of completely original technology, which is precisely what I wanted to do when I chose STEM as a career.”

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BIO

Porterbrook Ltd



“I’m Peter Amor, a PhD Student at the BCRRE, and my work focuses on hydrogen-powered trains, and I love my job because I get to work on interesting railway problems. I got involved in the HydroFLEX project after my undergraduate experience with the Hydrogen Hero railway challenge locomotive.”

Peter
Amor

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STEM

BIO

Coventry University
Student

“My name is Yohann, and I study Automotive engineering at Coventry University. I have been interested in a STEM career due to its interaction with ever-developing technology. From my past work experience at McLaren F1, I am interested in pursuing a Motorsport career. Therefore in my free time, I got involved with the Formula Student Artificial Intelligence Competition. Over the past two years of competing, I have contributed to developing computer vision and path planning algorithms. This competition is at the cutting edge of technology and in a fast pace environment which I love.”

Yohann



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STREEM BIO

Coventry University
Student

My name is Harrison. Since an early age I have always had an interest in both cars and computers, and as such assisting the rest of the team on this project involving autonomous driving is something right up my street. At the time of writing I am currently assisting with the straight line driving aspect of the competition.

Harrison

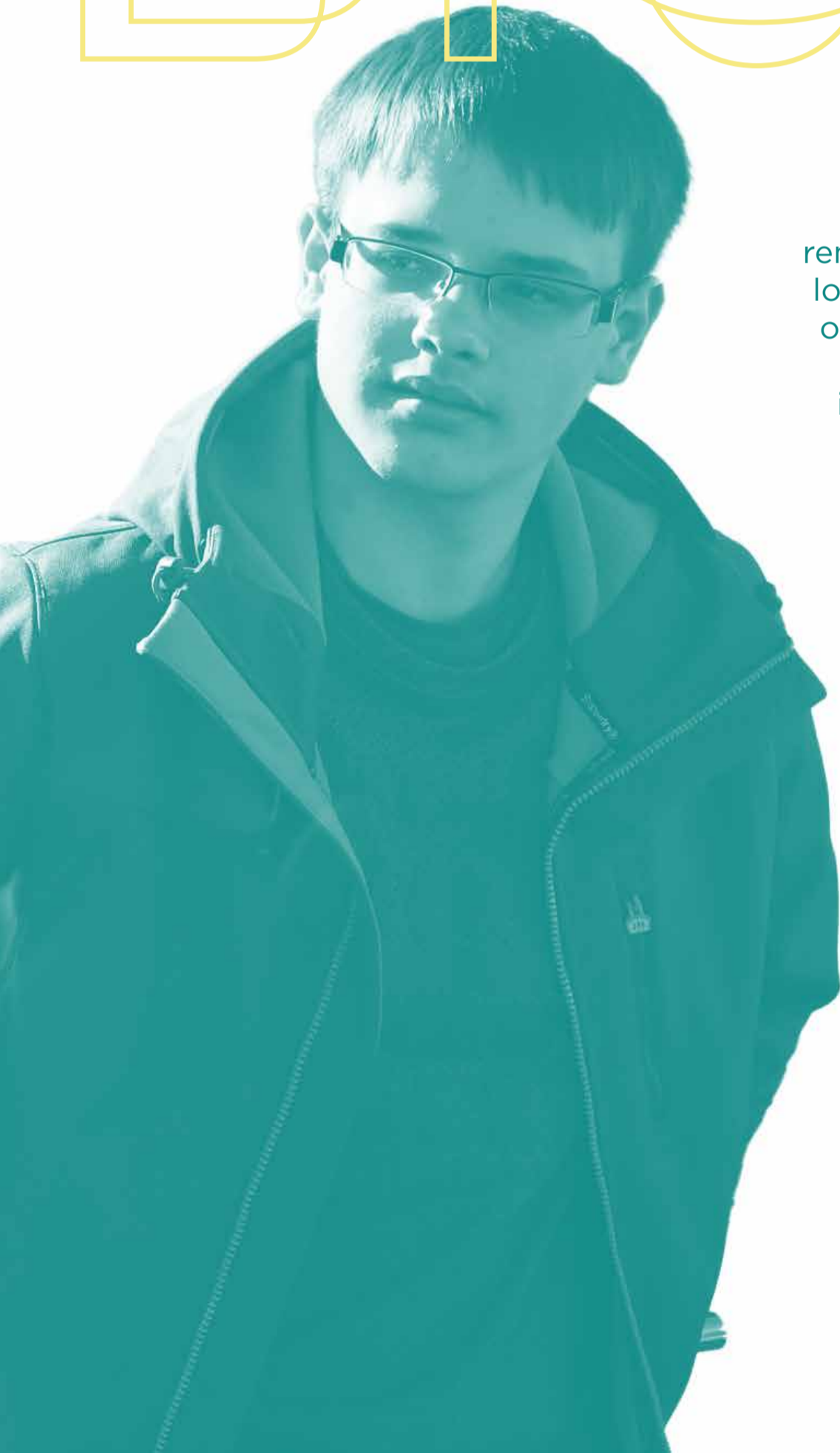


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BIO

Coventry University
Student



“My name is Daniel. For as long as I can remember, I’ve been obsessed with cars; how they look, how they work - everything. I am a huge fan of motorsport, Formula 1 and WEC especially. I’m currently studying towards a bachelor’s degree in Computer Science and plan to follow it with a masters in Artificial Intelligence.”

Daniel

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STREEM

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Florian Stagliano

Software Developer
char.gy

Part of my day-to-day job involves the layout and programming of user-facing elements for char.gy's web application. An important part of this work is to ensure the smooth operation of our growing 'Internet of Things' based electric charge point network. Each of our charge points (currently 1000 around the UK) has an integrated mobile communication device that allows it to 'talk' wirelessly over the mobile phone network to our web servers in the cloud, so users can charge their cars by simply using our web app. As an Aerospace Engineer graduate from The Technical University of Munich (TUM), I spend the first years of my career as a Research Engineer in Aircraft Conceptual Design.

With a transition from analytical research in Aerospace to fast-paced project management & delivery in Technical Theatre, I continued to work on projects which capture the human imagination. I worked for internationally recognised artists like Akram Khan and Cirque Du Soleil.

Software Development was the next logical step to combine the skills set of my previous careers and I became a full-time Software Developer in 2019. Joining char.gy in 2020 allows me again to work on projects shaping the future and the way we travel.



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