

### **Turntide Drives- Info for E3 Students**

With a research and development plant that has been focused on electric vehicle motor control technology for over five decades, Turntide Drives Gateshead's team of engineers are in the best position to be driving electrification forward – and that is exciting! With our technologies, a future with emission-free mobility can be a reality.

As an E3 student you could be working in our research department, looking at, and providing solutions for, longer term developments to electric propulsion systems 5-10 years away from production, or in our product development centre where the motor controllers are destined to be used in tomorrow's electric transport solutions with zero emission electric drivetrains.

These interesting and challenging projects focus on developing the motor controllers that convert the DC battery voltage to variable AC voltage to power the vehicle motor. We are looking for the best people who have a passion for helping the environment, and skills and knowledge in power electronics, software and control.

You will work with a friendly supportive team of world class engineers using the latest tools and equipment. However, some of our clients are top secret, so you may not be able to say too much to friends and family!

Turntide strongly believe in a green future and are a well-funded company, investors including Jeff Bezos's Amazon, Bill Gates' Breakthrough Energy Ventures, and actor Robert Downey Jr.'s FootPrint Coalition Ventures. With offices around the world, this opportunity is based in Gateshead, near Newcastle.

The region has been known for its historic coastlines, cities, and countryside and in recent times it has also emerged as a leading cultural and culinary destination. One-third of the region is designated as a National Park or an Area of Outstanding Natural Beauty and this natural environment is complemented by a rich history, with two World Heritage Sites and a wealth of castles, historic houses and gardens. Its stunning coastline, with many wide golden beaches, gives way to expanses of forest trails, lakes, moors and hills; all within a short drive from the region's main towns and cities. On Tyneside you will find its heartbeat and Gateshead's stunning Sage concert hall whilst Newcastle, and the wider region, play host to a number of Michelin Guide eateries, and the nightlife is considered one of the most vibrant in the UK.