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| **Position** | **Student Systems Engineer** |
| **Location** | Gillingham, UK |
| **About us** | **PHINIA:** Advancing sustainability today, powering carbon-free tomorrow  At PHINIA, we create premium fuel systems, electrical systems and aftermarket parts for internal combustion engine (ICE) vehicles and industrial applications. We make sure our products are clean, efficient and high-value, because we know the actions we take today will have a profound impact on the world tomorrow. Our goal? The cleanest ICE technology: carbon-free combustion.  Always, PHINIA puts quality first, continuing our legacy with over a century of rich expertise and technological innovation. The name PHINIA has roots related to “bright” and “future,” representing our confidence and commitment to bettering the world.  **Our Culture**  We believe health and safety of our employees are a top priority, we care about our local communities and the global environment. PHINIA promotes and nurtures a diverse and inclusive environment, honors integrity, strives for excellence, commits to responsibility for our communities and the environment, and builds on the power of collaboration.  **Career Opportunities**  We believe in building a brighter tomorrow for our employees as well as our customers and encourage you to learn about our long history, strong culture, new technologies and future vision. We offer a strong local presence and interesting global opportunities. Join us on this shared journey toward a brighter tomorrow. |

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| **Position Overview** | Test Systems engineer to work as part of small multidisciplinary team to support and develop all test systems and equipment for the site. The role will involve picking up and supporting some previously developed in house software as well as the development of brand-new systems and test facilities. This is a varied role and will require someone who can adapt to work across all areas of the site (Test rigs, Engine Test, Environmental Test, Manufacturing etc.). It will also require the ability to work on several projects in parallel. |
| **Roles & Responsibilities** | * To provide day to day support and development of existing in house developed test software written in LabVIEW * To aid in the development of new features and software capabilities of our test systems * To provide technical, cost-effective test facility solutions in alignment with TCG / global PHINIA test strategy * Design & development of existing & new facilities, equipment, systems & processes. * Analyse customer’s test requirements and formulate technical cost-effective solutions. * Helping to ensure that our inhouse develop test facilities meet all current health and safety standards and local legislative requirements * Working on design & development projects from concept to full integration to agreed budget / timescales. * Providing test system engineering support to other departments within the Technical Centre * Supporting Manufacturing operations with test machine support and development. * Global support of test systems developed inhouse and deployed to other sites (Stonehouse, Iasi, Izmir, Yantai) * Performing Risk Assessments and Safety Observation Tours in line with site Health and Safety Requirements |
| **Skills** | **Mandatory**   * Be working towards relevant Engineering Degree * Ability to work on own or part of a small multi discipline team * Basic knowledge of software development and electrical control systems * Knowledge of software development principles * Strong problem-solving abilities * Good knowledge of PCs and computer systems   **Desirable**   * Experience and knowledge of fuel injection systems. * Basic knowledge electrical drive systems * Experience in rotational machinery * LabVIEW Software Development * Experience with National Instruments hardware * Experience with using off the shelf microcontrollers and development boards (e.g., Arduino, Raspberry Pi, M5 Stack) * Solidworks experience * Electrical system knowledge * Engine Test experience * Experience in project management. * Experience developing PLC code * Experience with ECU development and calibration tools (VISU, INCA etc.) * Coding experience |
| **Attributes** | * Ability to work under own initiative * Flexible approach * Strong problem-solving mindset * Work as part of a small multidisciplinary team. * Ability to travel to other sites in the UK and worldwide. |
| **Experience & Qualifications** | **Mandatory**   * Working towards relevant Engineering Degree |

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| **Additional Information** | This Job description outlines the duties required, it is not a comprehensive or exhaustive list, and the Line Manager may vary duties from time to time which do not change the general character of the job, or the level of responsibility entailed. Flexibility is required from all job holders.  **Hours of work, 37 hours per week:** 8am - 4.30pm Monday to Thursday, 1/2 hour unpaid lunch break. 8am -1pm Friday, no lunch break.  **Holiday:** In addition to statutory holiday students receive 25 days paid holiday in a full 12-month calendar period, pro-rata for shorter periods.  **Annual Salary:** £19,500  **Duration:** 12 months |

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| **Submitting Applications**  To apply, please send a copy of your covering letter and your cv as one document to Gillingham.hr@phinia[.com](mailto:ngee@borgwarner.com)  **Start Date:** June/July 2024 onwards**.** | **Closing Date for Applications 26** April 2024  Candidates will only be contacted if they are selected for an interview.  If suitable candidates are found, they may be offered a placement before the stated closing date. |

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| **Safety** | This position will adhere to Global Star Safety Program, including safety rules, practices and training as outlined in the PHINIA CTCM Safety Policy Manual, which includes the use of equipment, protective devices, or clothing that the employer requires. This individual will work in manners that stress the importance of preventing accidents and illnesses. He/she must take every precaution reasonable in the given circumstance for the protection of themselves and coworkers. In addition, he/she is responsible for reporting all injuries and/or possible dangerous situations, incidents, or occurrences to the immediate supervisor. |
| **Equal Employment Opportunity** | PHINIA is an equal employment opportunity employer such that all qualified applicants will receive consideration for employment without regard to race, color, age, religion, sex, sexual orientation, gender identity/expression, national origin, disability or protected veteran status. |
| **Visa Sponsorship** | PHINIA does provide sponsorship for employment visa status based on business need. However, for this role, applicants must be currently authorized to work in the United Kingdom on a full-time basis. |
| **No Unauthorized Referrals from Recruiters & Vendors** | Please note that PHINIA does not seek or accept unsolicited resumes or offers from third party recruiters or staffing agencies associated with any published or unpublished employment opportunities. Any unsolicited information sent to PHINIA will be considered as unencumbered and free from any fee or charge whatsoever. Only members of our Human Resources Team have the authority to engage or authorize recruiting services, which must be agreed upon before the unsolicited resume or offer is received. |

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For more information about PHINIA, please visit [www.phinia.com](http://www.phinia.com)