**Graduate Internship Programme – Employer Job Description**

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| **Job title** | Graduate Software Engineer Assistant (CAAS) |
| **Organisation** | Flightmaker Ltd t/a Caasco |
| **Line manager who the intern will report to** | Noah Ahiable |
| **Is this role hybrid working or permanently onsite at your company?** | Hybrid |

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| **Please provide a one sentence description for advertising the role on the GI website** |
| Flight disruptions are the bane of any traveller’s existence. At Caasco, we're revolutionizing the aviation industry by tackling this head-on. Our innovative platform predicts delays and cancellations, empowering airlines to manage passenger care effectively. |

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| **Main purpose of the job** |
| The aim of the internship is for the post holder to gain employability skills and experience of working in a professional working environment and an understanding of aspects of the business.  To provide technical and curriculum support, demonstration and supervision for the technical facilities, and equipment for the Flightmaker Ltd t/a Caasco. This includes the set-up, maintenance of resources and equipment, and the provision of technical assistance to students and academic staff.  The post holder will work as part of a team to enable the effective operation and delivery of technical support and services in the Flightmaker Ltd t/a Caasco, and to actively promote the services and cross-disciplinary working.  Graduate Interns will be supported throughout their internship with a programme of development and evaluation. |

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| **What you will gain from this internship** |
| * Make an impact: Be part of a passionate team tackling a major pain point in the aviation industry. * Real-world experience: Gain hands-on experience building and deploying mission-critical software. * Cutting-edge tech: Work with the latest software development tools and methodologies. * Mentorship and growth: Learn from experienced engineers and accelerate your technical skills. * Dynamic environment: Be part of a fast-paced start-up with the potential to revolutionize IROPS. |

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| **Key areas of responsibility** |
| * Software Development: Contribute to the coding, testing, and deployment of new features within the Caasco test environments. * Data Integration: Assist in integrating external data sources to enhance the platform's functionality and insights. * Technical Support: Provide technical support to the internal team and potentially external clients. * Automation & Scripting: Develop and implement automated processes to streamline development and testing workflows. * Learning & Innovation: Stay updated on emerging technologies and contribute ideas for continuous improvement |

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| **Skills/knowledge that would be desirable** |
| * Programming Skills: Proficiency in Python and, or JavaScript. * Understanding of Web Technologies: Familiarity with web development concepts like APIs and databases. * Problem-solving & Analytical Skills: Ability to approach technical challenges logically and identify efficient solutions. * Teamwork & Communication: Effective collaboration with engineers and other team members. * Learning Agility: Enthusiasm for continuous learning and staying updated on the latest software development trends. |

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| **Recruitment criteria** |
| The graduate must have completed an undergraduate degree in BA/BSc/BEng Computer Science, Cyber Security, AI/ML and be from the summer graduating class of June/July 2023. |

Updated: Jan 2024