# **Person Specification**

# **Job title:Scientist/Engineer (Waves/Metocean)**

**Education and Experience**

|  | Essential | Desirable |
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| * Bachelor degree in a relevant field (e.g. oceanography, meteorology, applied mathematics, physics, civil engineering).
* Track record in estimating metocean extreme values for design criteria, including the quantification of uncertainties.
* Experience in the application of numerical wave and wind models (e.g. SWAN, SWASH, WRF, WASP)
* Experience in programming using one or more languages: Python, Matlab, R
* That you are highly numerate with strong analytical and problem-solving abilities
* Strong, effective communication skills, both verbally and in writing
* Collaborative team work
* Good attention to detail, record keeping, presentation and report writing skills
* Adaptability and self-motivation
* Desirable Skills and experience
* Further skills, of interest but not essential, include :
* Code management (GIT, branch management, unit testing)
* Knowledge of machine learning techniques and their limitations
* Knowledge of relevant industry standards
* Fortran programming language
* GIS
 | X |  |
| * Postgraduate degree (Masters or PhD) in a relevant field.
* Code management (GIT, branch management, unit testing)
* Knowledge of machine learning techniques and their limitations
* Knowledge of relevant industry standards
* Fortran programming language
* GIS
 |  | X |

**Personal Characteristics**

|  | Essential | Desirable |
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| Ability to work independently, take the initiative, find solutions, while working as part of a team. | X |  |
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| Good communication skills, both written and verbal. |

 | X |  |
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| Resilient, highly motivated |

 | X |  |
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| Attention to detail |
| Quality and delivery focussed |

 | X  |  |
| X |  |