# **Person Specification**

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

**Education and Experience**

|  | Essential | Desirable |
| --- | --- | --- |
| * 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 |
| --- | --- | --- |
| Ability to work independently, take the initiative, find solutions, while working as part of a team. | X |  |
| |  | | --- | | Good communication skills, both written and verbal. | | X |  |
| |  | | --- | | Resilient, highly motivated | | X |  |
| |  | | --- | | Attention to detail | | Quality and delivery focussed | | X |  |
| X |  |