**Job Title:** Scientific Software Engineer – Python

**Group:** Software Development

**Salary Band:** TBC

**Reports to:** Technical Manager (C++/Python team)

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**ROLE PURPOSE**

The post holder will help to develop, integrate, maintain and support software and systems at CCDC as part of the software development team.

The post holder will apply their Python expertise to drive the development of CCDC software features, products and integrations for both internal and external use.

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**MAIN DUTIES AND RESPONSIBILITIES**

1. Develop scientific software using a variety of technologies including, but not limited to, Python
2. Provide user access to CCDC code and data through the development of:
   - Application Programming Interfaces
   - Python scripts
   - Desktop Applications
   - Interfaces into 3rd-party tools and environments
3. Release and maintain software for installation and use both internally at CCDC and externally by users
4. Adhere to software development practices and standards adopted at CCDC
5. Promote the quality of python-based products developed at CCDC

This job description and person specification are only an outline of the tasks and responsibilities required for the role. The job holder will carry out any other duties as may be reasonably be required by their line manager.