



## JOB DESCRIPTION

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**Job Title:** Scientific Software Engineer – UI/UX Specialist

**Group:** Scientific Software Development

**Salary Band:** TBC

**Reports to:** Capacity Manager C++ / Python

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### ROLE PURPOSE

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

The post holder will satisfy the need for a software engineer specialising in UI and UX aspects of product development to work on the full range of current and future CCDC software products. The post-holder will bring a keen understanding of UI design, including both usability and accessibility. A highly developed understanding of all aspects of UX in software products will be a decisive advantage.

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### MAIN DUTIES AND RESPONSIBILITIES

1. Design and develop scientific software GUIs, including for efficient searching and maintenance of chemical databases
2. Provide user access to CCDC code and data through the development of intuitive:
  - Graphical User Interfaces
  - Application Programming Interfaces
  - Web Services
  - Web Applications
3. Adhere to software development practices and standards adopted at CCDC
4. Assist scientific and technical support
5. Work alongside Product Owners/Product Managers to understand the needs of end-users



6. Propose usability and accessibility improvements for existing products and new products
7. Work with scientists and other software engineers at CCDC to translate user requirements into software features

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.