



Role Description

Role Description	Software Engineer Applications-GUI
Document owner:	Chief Technical Officer
Version:	200908
Keep informed:	Software Engineer Applications-GUI

1. Overview

The position involves designing, developing, and maintaining software for our products. The role is mainly involved in applications, graphical software and data analysis using Microsoft Windows. Knowledge of other operating systems such as portable devices, embedded systems and UNIX is a benefit. Knowledge of electronics is useful.

2. Duties and responsibilities

2.1. General

- Develop application and GUI software covering the full software life cycle. Capture customer/user requirements, then design, develop, test and maintain software, including the release process, version control of software releases, and bug management.
- Work both as team member on larger software projects and manage own smaller software projects; plan, track and manage development tasks. Work to deadlines and adapt plans as necessary to meet project objectives. Work collaboratively with people inside and outside R&D department to successfully achieve outcomes and results.
- Use company procedures, processes, and consistent styles. Adhere to coding standards when developing software. Maintain software traceability, update software documentation, use version control for all software and document changes.
- Have a good knowledge of C++ and C# programming languages, WPF and XAML; the objects in programming libraries, including .NET and class libraries, windows operating system and how it interacts with the software environment. Have a good knowledge of objects, decomposition of a software project into objects, and object re-use across projects.
- Install, use and maintain tools and technologies (e.g. development environments) needed for software development.
- Investigate ideas, suggestions and problems related to existing and new software products raised by OXTS staff, reps and customers, communicating and responding to ensure issues are resolved promptly and appropriately.

3. Revision History

Revision	Changes
200908	Rebranded and Technical Director changed to Chief Technical Officer, no content changes - JC
191125	TY approved amendments
191111	Reviewed and amended. Revision history added