



HP Inc.
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Sant Cugat del Vallés
Barcelona
Catalunya
Spain

hp.com

Position

R&D Software Engineer

Description

The R&D department of the HP Large Format Printing division in Sant Cugat del Valles, is looking for a talented computer scientist (or similar) to work as an R&D Software Engineer.

The Engineer will be part of a multidisciplinary and highly sophisticated team responsible for investigating, designing and delivering new Color assets that are going to be used across all platforms of HP printing portfolio (Large Format printers, digital presses, 3D printers, and others).

The right candidate must be able to design, develop, troubleshoot and debug software for new products and solutions. More specifically, the right candidate must be proficient in software design and in implementation/evaluation of core technologies on color spaces, color gamut mapping, color reproduction/profiling, image processing and device characterization among others.

The right candidate must have strong skills in C++ and a good mathematical background in computational geometry to be able to identify and analyze a given problem, propose an algorithm for its solution, and implement it by using robust C++ coding.

This position provides great opportunities of growth and skills development to the highest level. The Engineer will learn from the best in the field, while practicing actual Research and Development.

Responsibilities

- Designs, develops, troubleshoots and debugs software programs for software enhancements and new color functionalities: modern C++ architecting and designing, implementing and evaluating core technologies on color spacing, color management, color gamut mapping, reproduction and others
- Analyzes design and determines coding, programming, and integration of required activities based on general objectives and knowledge of overall architecture of the product or the solution

- Writes and executes complete testing plans, protocols, and documentation for assigned portion of application; identifies, debugs, and creates solutions for issues with code integration into application architecture

Education and Experience

- Bachelor's or Master's degree in Computer Science, Physics, Mathematics or Engineering-related discipline

Knowledge and Skills

- Strong analytical and problem-solving skills
- Good knowledge of C++ programming language
- Background in computational geometry
- Ability to make in-depth technical contributions working with other engineers

Contact

- If you are interested in applying, please send your CV and cover letter to: konstantinos.kontonikolas@hp.com