



Color/Imaging Science Engineer – Boise, ID

Business Environment

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Job description

Color/Imaging Science engineers work in the Value LaserJet Lab developing imaging and color solutions for a broad range of LaserJet single-function and multi-function printers and copiers.

- Work as a part of R&D team to develop the color solutions to enable business and consumer printers.
- Invent new solutions to meet customer print quality and workflow needs.

Education and Experience Required:

The ideal candidate for this position would be a creative, hands-on, team-oriented contributor with a strong understanding of color science, image processing and associated areas. Experience with algorithm development and implementation, quantitative image analysis, data acquisition techniques, statistical experiment design, data gathering and interpretation of data are required. This position requires an organized individual with very strong technical skills who is adept at understanding and solving complex technical problems. This person will be required to interface with firmware, mechanical, and hardware teams and should have the ability to manage product requirements and schedules. This individual should feel comfortable and excel at communicating with other organizations, other companies, and customers.

The ideal candidate would have one of the following combinations of education and experience: (1) a M.Sc. in Image Science or Color Science with internship experience in a related field, (2) a M.Sc. in Electrical Engineering with emphasis in image processing and internship experience in a related field. (3) a Ph.D. in Color Science or Imaging Science;

Knowledge and Skills Required:

- Working knowledge of color science
- Understanding of ICC color management
- Excellent fundamental and practical knowledge of color/imaging science and color/imaging engineering
- C/C++/C# design and development experience (preferably C)
- Product development experience
- Strong math and analytical skills
- Normal vision with respect to color and visual acuity
- Proven ability to work well in a team environment
- Very effective communication, teamwork, and organizational skills

Desired Skills:

- HP product development experience
- Embedded systems development
- Experience using Matlab
- General hardware knowledge
- Familiarity with Linux operating system
- Strong understanding of system level image processing workflows (from scan to print)
- Knowledge of objective and subjective measurement methods of image quality
- Understanding of Windows and Mac printing systems architectures a plus.

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