You’ll participate as a member of project team of other firmware/mechanical/software/material engineers together with internal and outsourced development partners to develop reliable, cost effective and high-quality solutions for products.

**Mechanical Engineering**

The Mechanics team specify, design/outsource and qualify the manufacturing equipment, tooling, tests and processes required for production. You will design portions of engineering solutions for mechanical and thermal hardware, electronics enclosures, and production tooling based on established engineering principles and in accordance with provided specifications and requirements. Implements established test plans for existing designs, including validation of tolerances, form/fit/function, shock and vibration, electromagnetic interference, safety, reliability, developing fan curves, system power measurements & acoustics

**Skills**: Metal/Plastic parts, CAD/3D design, static/dynamic systems, fluids, servos, impelling, structures.

**Software Engineering**

The Software Engineer will be responsible for the following: Codes and programs enhancements, updates, and changes for portions and subsystems of systems software, including operating systems, compilers, networking, utilities, databases, and Internet-related tools. Executes established test plans and protocols for assigned portions of code; identifies, logs, and debugging assigned issues.

**Skills**: SW & HW quality testing, environmental testing, diagnostics, automation, regression, requirements.

**Electrical Engineering**

Electrical team designs portions of engineering solutions for electrical and electronic parts, subsystems, integrated circuitry, and algorithms based on established engineering principles and in accordance with provided specifications and requirements. Implements established test plans for existing designs, including validation of tolerances, form/fit/function, shock and vibration, electromagnetic interference, safety, reliability, thermal generation, and system power measurements.

**Skills**: High speed digital design, Analog & power electronics, motor control, EMC, Shielding, PCB/PCA Design.

**Material Engineering**

Design, develop, and optimize algorithms and calibrations for our new printers to deliver desired part quality, throughput and reliability. Understand materials requirements, model and develop solutions for system performance issues that affect customer perceived part quality. Understand, model, correct and develop engineering solutions for system performance issues that affect part quality including design flaw identification and correction, manufacturing variability issues control, technology limitations alternatives identification, etc. Understand material/fluid/heat transfer and ME/EE/FW interaction issues.

**Skills**: programming languages (Python, C) and/or recognition and image processing knowledge and/or sensor technology and/or mathematical modeling skills.

**Firmware Engineering**

Firmware engineering team codes and programs enhancements, updates, and changes for portions and subsystems of firmware, including DSP, embedded code, EFI drivers, EFI applications and BIOS/UEFI. Executes established test plans and protocols for assigned portions of code; identifies, logs, and debugging assigned issues. Develops understanding of and relationship with internal and outsourced development partners on firmware design and development. You will design, implement, test, and validate systems and components to deliver optimized image quality, throughput, and reliability for our printers.

**Skills**: Embedded systems, real time systems, image processing, host SW & applications, mobile apps, cloud.

**Writing System Engineers**

Writing System Engineers play lead roles in multi-discipline teams working on new products and solutions for printing and imaging. You will design, implement, test, and validate systems and components to deliver image processing optimization quality, speed and reliability for our printers. Working with a team of other WS engineers and in close collaboration with Mechanical, Electrical and Firmware (software) engineers.

**Skills**: image science, image analysis, machine vision, machine learning, or signal processing coursework or experience.

You will apply basic business analysis principles, theories and concepts to assignments of limited scope. Use analytical tools to segment the market. Passionate about data related fields and for innovation. You will act as team member by providing information, analysis and recommendations in support of team efforts. Provide business performance analysis (ARU, mix...) to understand business dynamics. Support development of models and analysis to assess performance of sales activities, marketing campaigns and product listing. Support development of predictive analytics to identify the best strategy & investment decisions.

**Skills**: Excellent analytical thinking, programming (using R/Python is desirable), and problem-solving skills. Database management (preferably using SQL) and data visualization.