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Woman Engineer

THE CAREER MAGAZINE FOR ENTRY-LEVEL AND PROFESSIONAL WOMEN

MECHANICAL ENGINEERS
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HOW TO PLAN
For Career Success

COMPUTER ENGINEERS
Make The World Go Round

Sheila K. Hurtt, Infinera Corporation

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munity' is that Morrissey is eager to reach work. She says, "I feel it's always exciting to come to work."

Once at the workplace, Morrissey helps mail carriers fulfill their promise to keep their appointed rounds. "I manage the global meter configuration and test planning team within the Pitney Bowes mailing systems engineering organization and the function of my team is to configure secure postal devices and mailing machines with the software and, parameters that direct the behavior of the mailing system to meet international postal requirements."

At Pitney Bowes, Morrissey provides supports to more than just the mail carriers. She remarks, "I have worked within Pitney Bowes engineering for 15 years and have had great professional enjoyment throughout these years. I started as an application software engineer, transitioned into the postal security group as an embedded software project lead, and now manage a team of 17 individuals responsible for the global meter packaging and, test planning for mail finishing products."

Morrissey's job engages her and holds her interest. "I've always been interested in embedded software technologies that drive devices and equipment," she recalls. "At Pitney Bowes, we design mailing machines and printers that function based on the software we develop. Pitney Bowes's engineers design and develop software that ensures privacy through cryptography that turns motors and, monitors sensors that drive mail pieces that delivers data to print engines and, that facilitates customer interaction through graphical user interfaces. If I had to select what I like most about my company, it would be the abundance and variety of professional growth opportunities that I've experienced over the years."

If Pitney Bowes professional opportunities and tangible concern for its employees appeals to you, Morrissey offers this advice: "Pitney Bowes seeks a diverse workforce with strong technical and innovative skills. Other skills that are held in high regard include collaboration, leadership, and communication talents. The Pitney Bowes culture encourages strong moral and ethical values and challenges employees to continuously learn and develop professionally."

She also has some specific advice for students still in school: "My advice to students is to seek a well-rounded education. Initial success in the engineering community stems from a strong engineering and problem-solving foundation. Continued success and longevity is then achieved through communication and leadership skills, which are equally critical in the field."

Tonya Love, Area Manager, Xerox

Tonya Love of Xerox says, "Xerox is the world's largest technology and services company specializing in document management, which ranges from desktop printers and multifunction office systems to high-speed color presses, outsourcing, and digital imaging."

Love is the area manager of the color imaging & control systems group within Xerox Research Center, Webster, NY. With 57,100 locations worldwide in 160 countries, it is hard to reach a place where there is no company representation. A global presence is apropos for Xerox, given that Xerox is in the 'business of showing us what the world looks like.'

Love adds, "I manage a dynamic team of researchers focused on specialty imaging services and color image quality improvements. I am also Xerox innovation group's green program manager where I spearhead the development of Xerox's research and technology investment portfolio for future environmentally friendly innovations."

However, Love wants people to know that Xerox does much more than produce images, "Xerox is not just about printers and copiers; we have specialized solutions and service offerings, which include personalization tools that enable our customers to efficiently develop and, execute highly customized marketing campaigns," she explains.

Tonya Love, Area Manager, Xerox

Xerox's range arises from its innovation and trust. Love states, "The people, products, and services differentiate Xerox from our competitors. We're known for innovation, revolutionary ideas, and trusting our people. When you're part of Xerox, your big ideas are teamed with the company's ability to make them happen. Over the past three years, Xerox has brought more than 100 products to the market and, as of 2007, our company owns the National Medal of Technology, America's highest such honor in the field. That's a big deal. So is our technology portfolio, which already leads the industry."

Xerox's large portfolio, which always expands, means that its engineers are endowed with choices and opportunities. "By working for one of the world's largest technology and services companies, there are ample opportunities to work on complex challenges," Love mentions. "Xerox provides an environment that enables me to utilize and strengthen my problem-solving skills, which helps me to continuously develop and grow in my career."

If an engineer wants a career at Xerox, Love has this advice: "Xerox seeks highly talented, motivated team players who are passionate about their work, new ideas, customer service, and success. The same passion that drives you to choose your field of study will be a driving force for your success. So, it is important to choose a career that you enjoy and can have fun doing. It's passion for what you do that will drive and motivate you to achieve."

Love also urges you to find mentors. "Early on in my career, my technical mentor was Fred Hubble," notes Love. "He stretched me enormously to develop technical skills in my career. Most recently, Sophie Vandebroek is my greatest influence by challenging me to face every obstacle as an opportunity, which gives me confidence to realize my unlimited potential. I have a network of other current and past Xerox mentors, which helps me throughout my career at Xerox. Relationships with mentors are vital to the success of my career."