Scott F.

LM Fellow, Cyber Architect

July 2017 - Works at: Lockheed Martin in Washington, CT

General Field of Work

Computer support / Servers / IT, Computer Science / Programming, Engineering

Undergraduate Education

Lehigh University for Computer Systems Engineering
Minor: No reply

Undergraduate Non-Academic Interests: Sports/Athletics

Graduate Education

Rensselaer Polytechnic Institute for MS in Computer Science

Professional Societies or Organizations

No reply

What high school academic interests led to your college & career path?

I was interested in computers and electronics from elementary school. An unlikely opportunity to create some computer based tutorials with my high school physics teacher really cemented my interest in programming.

Please briefly describe your path to your current job

I've worked for Lockheed Martin since graduating from college in 1998. I started as a software developer, moved into systems engineering, systems architecture, and currently cyber architecture. I was fortunate to be hired into a leadership development program, which let me pursue my Masters degree and do rotations in different departments for the first 2 years with the company. This gave me a broad exposure to the roles available to me. My transition into cyber security in 2009 grew out of a focus on building identity and user authentication systems for

Lockheed Martin.

What are a few things that you like best about your job?

My criteria for any job are that I'm (1) challenged, (2) learning, and (3) being paid fairly. My current job in cyber security is alway changing; that keeps me challenged and forces me to constantly learn new things. Because security is so important to Lockheed Martin, I also have the opportunity to work with some of the brightest people in the industry.

What are the most important technical skills needed in your job?

Solid understanding of programming, networking, application design, cryptography, threat modeling, operating systems, and data analysis

What are the most important non-technical skills needed in your job?

Communication skills, both written and verbal. As an architect, I need to be able to communicate my designs to the people who will be implementing them and explain my decisions to my managers in a clear and concise fashion.

What are some of the most challenging aspects of your job?

Managing time and work load (how much work I can commit to and deliver on) Travel (about 1 week per month) Politics (unfortunate, but unavoidable)

Any advice for students about to begin their college career in September?

No reply