What do you find exciting about working at Click Bond?
I love knowing that the systems that I help manufacture end up on countless aircraft and other types of vehicles. My work doesn’t just touch one project, it spans them all! From the Mars Rover to the Boeing and Airbus jets we all use for every day transportation, I get to say I have a hand in it all. Specifically, I have been working on Lean Manufacturing Initiatives, working to streamline our processes and focusing on continuous improvement. The challenge to be continuously improving our processes keeps me on my toes and leaves me with a career I will never grow tired of.

Why should young adults consider careers in STEM?
STEM is a career path with unlimited opportunities. You truly can do anything you want to and far beyond your imagination when you work hard and stay focused. STEM professionals push the boundaries and break the rules (in a good way), to launch humanity into the next generation of innovation. Be a part of a world changing industry and make a difference!

Any other words of advice to people considering a STEM career?
Investigate all areas of STEM and I can guarantee that if you are willing to work for it, you will find yourself in a career that could literally take you to the moon and back.

What do you find exciting about working at Boeing?
The best part of being a process engineer is working to help people. Internally, we use software to manage all of the information necessary to build an airplane. How do you design an aircraft with people who live in different countries? Once you have designed the aircraft, how do you explain to someone else how to build it? Answering these questions takes smart, creative people to design ways of using software to better help others.

Why should young adults consider careers in STEM?
Some of the world’s most exciting and toughest challenges require people who have great problem solving skills. Early exposure to STEM classes helps people learn the problem solving process. From sending people to other planets to ending world hunger, these complex solutions will be created by some of the best problem solvers. Problem solvers who will likely have had exposure to Science, Technology, Engineering, and Math.
What do you find exciting about working at Harris?
The most exciting thing about my job is that every day is different. I work on a variety of development projects, from radio software to networking products to batteries, chargers and antennas. Each project presents its own challenges, pushing me to think outside the box to find a creative solution. Many of the challenges are difficult, some are a constant struggle, but it is all part of the design process. Learning from my failures not only keeps me on my toes, but gives me a sense of pride in my accomplishments.

Why should young adults consider careers in STEM?
The opportunities are endless! A degree in STEM sets you up for success and allows you the flexibility to grow in different ways. STEM employers seek candidates with technical backgrounds to take a number of diverse paths; from developing talent within their current field to branching out into management roles. My current job allows me to utilize my engineering degree within the project management field, which has been both exciting and rewarding.

What do you like to do outside of your work day?
The majority of my time is spent with my one year old daughter, Gianna. I also enjoy volunteering with organizations both within my community and company. During my first five years at Harris, I was the President of our Young Professionals employee resource group. This allowed me the opportunity to lead a committee of peers, network with people I did not interface with regularly, and organize events to develop our group professionally and personally.

Any other advice to people considering a STEM career?
The customers we support in STEM fields, to name a few, are the military protecting our freedom, first responders, doctors and medical staff saving lives, researchers finding cures for cancer, and teachers who engage and shape our minds daily. They are nothing short of amazing, and with our help in STEM careers, anything is possible.

What do you find exciting about working at Raytheon?
It’s fun. The work we do is exciting. The growth has been positive. The opportunities have been abundant. There’s a lot of potential in the company, and I’ve experienced it firsthand.

How did you get your job?
My college senior year, I took a class project on the detection of malware in computer systems. That project, sponsored by Raytheon, exposed me to the company’s work in cybersecurity and led to my engineering job.

Any other advice to people considering a STEM career?
With the work I perform at Raytheon, you’re supporting your country. You feel like you’re doing your duty.

What do you find exciting about working at BAE Systems?
As a software engineer on a research project, I spend my day figuring out how to apply brand new technologies to really hard problems. That means that every single day, I’m tackling a new problem and learning something new. It’s impossible to get bored in that type of environment. On top of that, I get to work on a really, really cool project that saves soldiers’ lives—the type of project that I thought only existed in science fiction or video games until I began to work on it.

Why should young adults consider careers in STEM?
The possibilities of a STEM career are endless. If you are interested in building rockets that will take us to Mars, discovering the next medical breakthrough, or creating the next great mobile application, a STEM education will provide you the skills you need. Or, if you are unsure what you want to do for your career (like I was), a STEM education is a great idea because it is broadly applicable to a wide range of industries, leaving you with plenty of options to explore.
What do you find exciting about working at Harris?

As a Harris engineer, I am constantly learning new technologies. I have been given opportunities to grow in my career, as a leader as well as an engineer. I was making meaningful contributions even when I was a software engineer intern. I wrote an application that generated mission plans for Harris radios, which are used by our military to communicate in the field. It is an amazing feeling to know the software I created is helping our military in the most crucial way possible.

On the GOES-R weather satellite program, I worked with a large team of talented engineers to produce high quality images in space! I wrote software that processed incoming data from the satellite’s sensors to turn them into images. There is nothing like seeing the satellite you worked on launch into space and then seeing the high quality images it produces. If you haven’t seen images from the GOES-16 satellite, definitely take a look. Being able to say “I contributed to that!” is awesome. It’s also great knowing these images will help better predict weather patterns which will benefit our society as a whole.

Why should young adults consider careers in STEM?

No matter what STEM path you pursue, you will almost always end up contributing to a final, tangible product that you can be proud of. Especially in our extremely connected world, people in STEM careers gain a unique understanding of the world around them and can make a difference in a constantly technologically changing society.

What do you like to do outside of your work day?

I enjoy running, having participated in many 5K and 10K races in my area. The longest distance I have raced is 10 miles and I am currently prepping to run a half marathon and strive to run greater distances in the future. In addition, I play video games and board games, and make the occasional trip to Disney and/or Universal with friends (one of the many benefits of living in Florida!).

What do you find exciting about working at BAE Systems?

The most exciting part of my job is the opportunity I have to consistently learn something new. We are constantly designing, and developing new capabilities, while also testing the performance of existing features to find areas for improvement. Developing a product that is required to be both versatile, and reliable while easing the workload of the operator involves a unique mix across many disciplines. Leveraging existing hardware capabilities, and maximizing our efficiency using software is an extremely interesting facet of my work, and I find myself learning new things every day.

Why should young adults consider careers in STEM?

A career in STEM allows you to make a real, and direct impact on the world. There is no denying that science and math are everywhere. In an era dominated by technology, pursuing a career in STEM allows you to actually create something that can help solve problems both big and small. From creating a new game application to play on your mobile device, to helping design the next generation fighter-jet… the possibilities are endless.

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CANNOT SEE YOURSELF IN “COOL” JOBS LIKE THESE?

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THE NEXT LEAP IN COMPUTING
We are looking for the next generation of researchers, scientists, and engineers passionate about cutting edge research and development to push the boundaries in supercomputing and harnessing those powers. Will you join us as we take the next leap forward?

QUANTUM SCIENTIST/PHYSICIST/ENGINEER
The next generations of microelectronics, microprocessors, supercomputers, communication, navigation and sensing systems will rely on quantum effects and interactions. You can help us grow these effects from lab experiments towards deployable systems and as part of an interdisciplinary team, your contributions will be vital to developing the understanding needed to overcome the challenges of developing and maturing these technologies.

ARTIFICIAL INTELLIGENCE/MACHINE LEARNING/COGNITIVE SOFTWARE SCIENTIST
Growing mankind’s ability to harness the extraordinary power and explore new frontiers for the almost limitless computational capabilities that are being developed will require individuals like you to conduct basic research and development of advanced machine learning and deep learning techniques. You will be part of a passionate team focused on innovation and pushing boundaries as it comes to developing and applying new machine learning techniques for land, air, sea, space, and cyber applications.

LOCKHEED MARTIN

JOBS FOR THE JOURNEY
We will need lots of innovative, intelligent and creative people to get us to Mars. The following roles could be a part of the Journey. Do any of these sound like you?

MECHANICAL ENGINEER
You will dream up, design and maintain the heart, brain and guts of the next generation of the NASA Orion spacecraft so we can get astronauts and robots safely to Mars. You will also design parts of the spacesuits and life support systems to help humans survive in the harsh Martian environment, and repair and maintain our landers and other exploration equipment.

AEROSPACE ENGINEER
How do we get to Mars? It’s your job to figure that out. You will be part of the team that designs a spacecraft that can withstand the harsh elements of space on the long journey to Mars and protect the astronauts and robots inside from extreme radiation, drastic temperature and pressure changes.

BIOMEDICAL SCIENTIST
You will help us understand how space travel affects the human body and how the human body works in deep space. This knowledge will help us design vehicles with systems to protect the crew from potential health effects of long-distance space travel, like vision problems and loss of muscle mass and bone strength.harnessing those powers. Will you join us as we take the next leap forward?

WEBPAGE:
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