



Future Career Opportunities for Math and Science Students

By Frank White

Today I will discuss three main topic areas followed by Q&A

- **Overview of my career and how it relates to your future**
- **Career prospects for math and science majors**
- **Overview of Lockheed Martin and Aerospace/Space employment opportunities**
- **Q&A**

A close-up photograph of a person wearing a white button-down shirt. Their right hand is extended, with the index finger pointing towards the right. The background is slightly blurred, showing more of the shirt and what appears to be a screen or device. A white rectangular box with a blue horizontal bar above it is overlaid on the lower right portion of the image, containing the text 'Today's Agenda'.

Today's Agenda

A blurred background image of a desk with a laptop, smartphone, and books. The desk is light-colored, and the items are slightly out of focus, creating a clean, professional aesthetic. The laptop is open, and the smartphone is lying flat next to it. A stack of books is visible in the background.

A brief look at my career

Early Career

1. Grew up in VA and graduated from Old Dominion University with a B.S in Business Administration
2. In my first job after graduation, I worked as a stockbroker/financial services representative for about 3 years
3. While working full-time, I went back to school and graduated with my MBA from ODU



My Career in Information Technology (IT)

Several of the companies where I have worked during my career are shown by their logos on the right

Next, I found a job after graduating from ODU as a Systems Analyst for a Cable TV Network and worked in IT for over 30 years focused in the following areas:

- a. Financial Systems including HR/Payroll, GL, Accounts Payable, etc.
- b. Sales Systems Reporting
- c. Regulatory reporting for Chemical and Pharmaceutical Companies
- d. Large scale global implementations of ERP systems
- e. Analytics and Business Intelligence Reporting



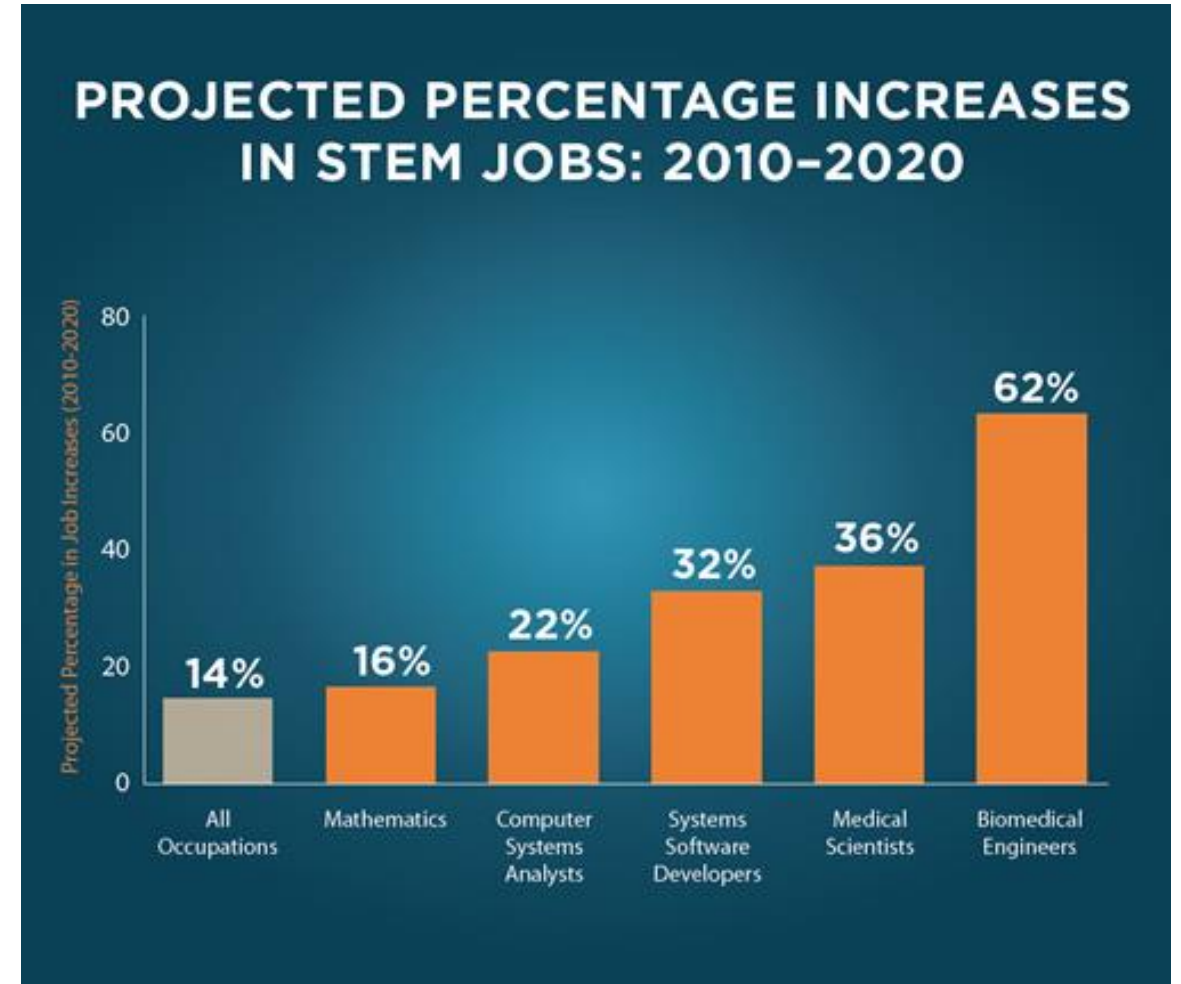
Career prospects for math and science majors



The Future for Math and Science Majors is Excellent

We live in an age driven by technology with an ever increasing need for new employees trained in math and science

1. All aerospace and defense companies have hundreds of job openings
2. Demand is very strong for math and science majors as shown on the right
3. Thousands of jobs in the United States are being filled by non-U.S. citizens who come here using the H-1B visa – let me explain why this is happening and why it matters



Plan and Take Control of Your Future Now

These are steps you can take today to plan for a successful tomorrow



1. Focus on doing your best in every class – not just math and science
2. Failure IS an option – make mistakes, learn from them, and move on!
3. Decisions you make or don't make now will limit your choices in the future.

**THE FUTURE
BELONGS TO
THOSE WHO
PREPARE FOR IT.**
RALPH WALDO EMERSON



How to Find Jobs and Prepare for the Future

These are steps you can take today to plan for a successful tomorrow
















1. Get off the phone, stop playing games, and start using time wisely!
2. What you do on social media stays online forever. Photos, bad language, hate speech, etc. will keep you from getting accepted to colleges and you won't get the top jobs that are the most rewarding in terms of job satisfaction and pay
3. If you're 16 or older, get a FREE account on LinkedIn today! **Let me take a few minutes to explain why**
4. Learn how to network – here's how
 - a) Check out your parent's alumni magazines from colleges and high schools. Lots of great tips! **Show example**
 - b) Learn about internships from guidance counselors and company websites
 - c) Use LinkedIn to connect with people that have similar interest and career goals.



Habits of Successful People

Let's take a few minutes to compare the habits of Successful vs. Unsuccessful People

1. Ultimately, you decide which column you will follow.
2. Practicing at least some of the habits of successful people will improve your chances to do well in school and career.

SUCCESSFUL PEOPLE	UNSUCCESSFUL PEOPLE
Read every day 	Watch TV every day 
Compliment 	Criticize 
Embrace Change 	Fear change 
Forgive others 	Hold a grudge 
Talk about ideas 	Talk about people 
Continuously learn 	Think they know it all 
Accept responsibility for their failures 	Blame others for their failures 
Have a sense of gratitude 	Have a sense of entitlement 
Set goals and develop life plans 	Never set goals 

**Overview of Lockheed Martin
and Aerospace/Defense
employment opportunities**



Lockheed Martin at a Glance

Lockheed Martin has over 110,000 employees. Fortune magazine recently released its list of "World's Most Admired Companies" for 2020, and Lockheed Martin ranked 2nd in the Aerospace and Defense (A&D) category. The 2020 list highlights Lockheed Martin as the 46th most admired company.

There are four major divisions in Lockheed Martin – all with exciting opportunities for math and science students!

Aeronautics



Missiles and Fire Control



Rotary and Mission Systems

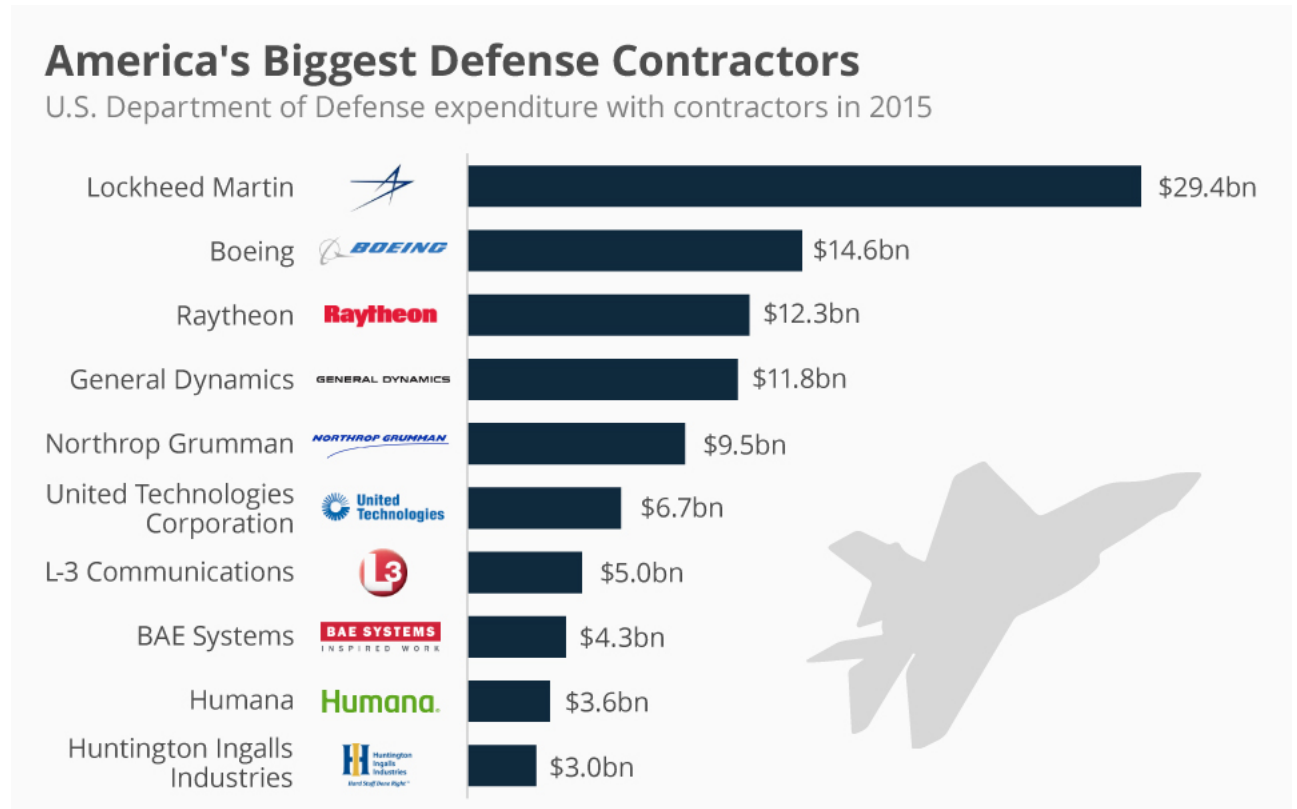
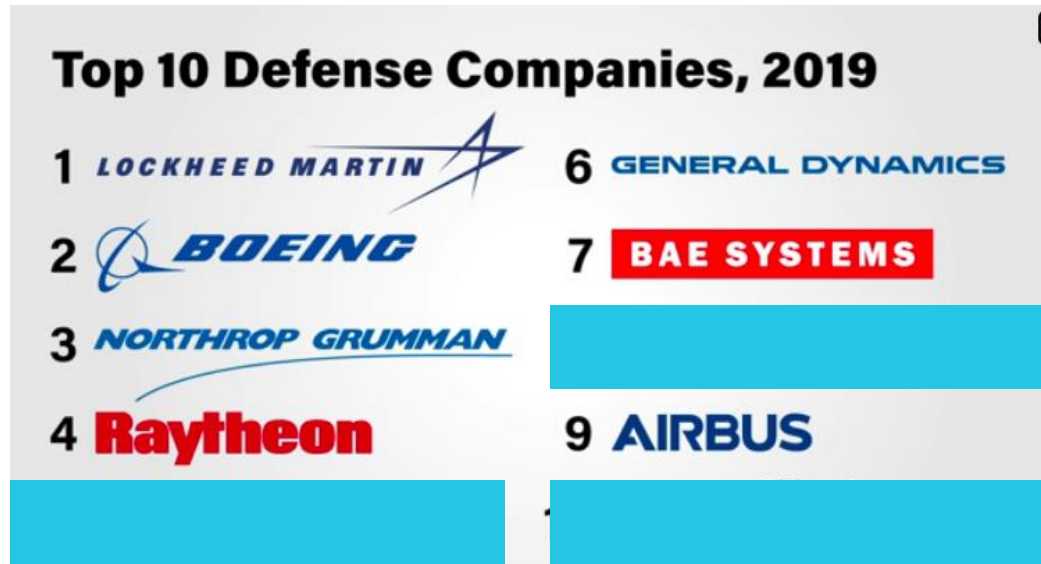


Space



Major Companies in the Aerospace and Defense Industry

More exciting opportunities for math and science students! You can learn more about them on LinkedIn and the company websites.





Thank You