

## Computers and Information Systems Managers:

1. I chose a set of areas as my roadmap based off of who I perceive myself to be as a person to the outside world, as well as what my larger interests are in the grand span of things. This entails the following: Engineering, Politics, and Learning/Being Challenged. All of these I think are great fits for me. Engineering has been a major passion for years, and I have already followed it to some extent. Learning about the applications of this in the workforce I think will be very helpful and worth the effort. My interest in politics is a little bit smaller, but the prospect of being able to *lead* people is something particularly appealing to me. Finally, being challenged has often been a primary motivator for me. Seeking a new project to test my skills, or just expanding said skills in general means a lot to me.

## 2. Computer and Information Systems Managers

3. The salary median for a career in this field is \$139,220, with a 12% predicted growth rate. To really succeed in this career, at least a Bachelors if not a Masters is recommended, with a focus on Computer Science

4. One thing interesting that I've learned about specifically from researching a career in this field, is how no day is ever the same – which really resonates with me as I as a personality am an adventurer (ENFP) at heart. I like to experience the new and throw out the old, and live a fruitful and filled existence. Another important aspect to keep in mind is that in order to help the company best you can, you also must lead, which resonates with me further. Leadership is very important to me, and I don't need any test to tell you that. Being able to orchestrate others towards a common goal is very appealing to me.

5. As well as anything, I can define this career in the following two aspects: Leadership, and Problem solving. As I have previously delved into, Leadership is very important to me, but I feel I should elaborate how exactly it fits into the context of IT. In this career, leadership is used to direct teams to develop products to protect, make efficient, or maintain some operation of a company, and in ones role as the manager, you singlehandedly orchestrate a team of skilled workers to combat this problem iteratively. The key idea here is the adaptability of the situations. In the end, this leads to leadership experiences filled with nuances and quirk, something that sings to me. Problem solving is the second found in this career. You build, create, and do whatever you can to finish a task and that is something I enjoy.

6. Computer and Information Sciences is a major typically assigned with this career. Some equivalencies at Purdue contain, among others, A degree in Computer Science from the College of Science is something that very much aligns but anything data science related is important. To summarize, Computer Science would be the corresponding undergraduate path.

7. The leader that I chose to develop, was Rohan Amin, the Global Chief Information Security Officer at JP Morgan, and I learned many things from his interview. Firstly, people that can do this – work with computers and ultimately lead, are needed in a lot of places, which means there is a lot of opportunity to adapt, and move where one desires, and follow a path more defined by ones own personal motivations. I also learned that by working in one thing, you also have the capacity to develop a passion in another, and by following your passions, you can not only find happiness, you can find success.

8. A holland code I would assign to this career in specifics would be RIE, or Realistic, Investigative, and Enterprising. Mine personally is RIA/E, an almost perfect fit. This job overall is an excellent fit, and I already see success in the career overall.

9. One thing that could potentially become a challenge is a few factors, an uncooperative workplace, bad infrastructure, and also the tendency of some jobs to become tedious and not worth it. It is at this point I would have a harder time working and ultimately making money in the career.

10. This career is still a major consideration, and I would even venture to say the prime consideration if not the goal. This career is not only a good fit, but I enjoy the work, the puzzles, the leadership, and the people I get to know along the way. Ultimately this is a career I see myself happy in!

## Aerospace Engineers:

1. For this career, I stuck with my same areas of the roadmap – but to refresh, this entails the following: Engineering, Politics, and learning/being challenged. In terms of aerospace, it matches in Engineering and being challenged.

2. The career is Aerospace Engineering

3. The salary median for this position is \$113,030 yearly, with a growth at 6.1% and a degree requirement of a Bachelors

4. From what I can tell, this career requires a lot of precision, adaptive work, and physical work that allows one to feel success instead of having more of a subdued feeling. This also sounds very interesting but much more methodical than other careers – despite its adaptability, but I think that's the beauty of it. The stability mixed with the adaptability and general *interestingness* of the topic at hand makes it worth it

5. People in this career usually have to deal with a few general things daily. This can include surface level stuff; designing, building, and testing, as well as research. I enjoy both of these thoroughly. Research is something we all do day to day, but as a person, I naturally observe the world around me. I have always since I was a kid, built little experiments and tried to create as well. This would be a great fit

6. Related to this career, a major in Aerospace, Aeronautical and Astronautical Engineering would be a great fit, proportional to a general engineering undergrad experience here at Purdue

7. I ended up choosing Randii Wessen, an Astronautics Systems Engineer, and through watching his interview, I learned the following. 1: You have the ability to chase your dreams within your passion, weather that even means trying to be an astronaut or not or something more. 2: A career in this field results in a lot of long term commitments but a lot of long term periods of simply being happy, and satisfied.

8. Aerospace engineering has an interest code of IR, or Investigative and Realistic. Mine, again, is RIA/E So I do think I have the capacity to be a smooth fit, I would categorize this as average

9. One thing that could be a challenge could be that same stability. Im someone who likes adventure, and a lack of that could cause the career to become duller as time goes on.

10. This career is still a consideration, but its farther down the list. I still have a major passion but I also have a feeling that being stuck in such a career wouldn't make me very happy with my standing in life and in the world in general