

2021 Summer Assignments

Choose one of the options; within each option pick ONLY one.

Option 1:

Please read any one of these books:

1. CompTIA A+ Certification All-in-One For Dummies (For Dummies (Computer/tech))
2. CompTIA A+ Certification All-in-One Exam Guide, Tenth Edition (Exams 220-1001 & 220-1002)
10th Edition by Mike Meyers

Option 2: (pick one)

1. Create a PowerPoint that identifies components of both a pc and laptop. Internally and externally.
2. Create a poster board that identifies components of both a pc and laptop. Internally and externally.

Option 3: (pick one)

1. Build your own pc. Take pictures and document the steps. Identify its purpose, i.e. is it for gaming, work, school, etc. Explain why you are installing the components instead of using another brand. Submit it as either a Word document, PowerPoint or video.
2. Build a crypto-currency miner. Take pictures and document the steps. Identify its purpose. Explain why you are installing the components instead of using another brand. Submit it as either a Word document, PowerPoint or video.

Option 4: (pick one)

1. Interview a person who works in the computer field (such as programming, IT, hardware, Cybersecurity, etc)
 - a. Here are some sample questions. Please create your own, it shows that you did research before the interview. (Think of yourself as an unbiased reporter.)
 - i. Why they choose that field?
 - ii. What are the requirements?
 - iii. What should a high school student expect to take to get into that field? How can a high school student get into the field?
 - iv. Should one go to college?
 - v. How to get a job?
 - vi. What skills needed prior to job interview.
 - vii. Any other advice?
 - viii. Etc.
2. Go to the US Department of Labor website and find job forecasts and salary for computer technology fields.
 - a. List all the fields and their employment growth.
 - b. List the salary for that field in New York region or northeast or where you would like to live

- c. Out of those careers; pick which one interests you. Answer the sample questions from 1.