a.

I will be constructing a portfolio website for this course. I have been planning to construct my own website since I began my educational career in IT and this seems to be the perfect opportunity. Along with the fact that it looks fantastic for resume building and future employers, I also happen to own the rights to maxcytron.com prior to this course. My goal with this project is to show future employers, not only my accomplishments, but some of my most successful projects as well. The website will also accurately portray the kind of worker and learner I am via progression of difficulty of projects and new technologies introduced. I have been lucky enough to use various different softwares ranging from basic C algorithms design to adobe creative cloud and plan to display all within my portfolio.

b.

Welcome to my personal portfolio website! I'm excited to share my journey and showcase the projects, skills, and experiences that define my passion and dedication in the world of technology. Explore my work, get to know me better, and feel free to reach out for collaborations or inquiries. Thank you for visiting!

This website will properly display and represent all the projects and accomplishments throughout my education career to date. My main goal with this project is to truly design a fluid website that showcases my growth not only as a developer, but as a young professional as well. I want this website to properly display to future viewers my creativity along with my knowledge of design principles and UX design. This website will be at the very heart of it a project to show off itself. I want the viewer to be wowed and interested to keep pursuing within the website. The site itself will be one of my more advanced projects and it will show as such. The dynamic interface will allow my viewers to understand my strengths with front end design, while my various other projects can show off my work within the cybersecurity, database, and app development field.

c.

My name is Max Cytron, I am currently pursuing a degree in Information Technology from the University of Missouri (Mizzou). I am originally from Montclair, New Jersey where my STEM journey began. I was the president of my high school's STEM program where I led fundraisers and project design. With my help we were able to expand our STEM program and offer various scholarships to some of our students that still exist to date. After being admitted to the IT program at Mizzou I have been lucky enough to work on several projects ranging from web development, app design, and algorithm work. Along with my bachelor degree I am also pursuing a minor in Mathematics along with certifications in cybersecurity, information science, web app and mobile design, and media technology and design. A favorite quote of mine by Ray Bradbury is "Life is trying things to see if they work."

Link to Video Resume:
https://www.powtoon.com/online-presentation/dQYKTv3BePy/?mode=movie&published_from=studio#/

Link to resume:
https://drive.google.com/file/d/1Xx3QXFEyVYqwwyW6jO94cNObcZf3RhLS/view?usp=sharing

D. Projects:

1. One of my favorite projects was my first front and back end blog website I designed at Mizzou. I created a login page that allowed for a user to save their information, while encrypting their chosen password. My backend ran solely on MongoDB and saved all relevant information ranging from users to blog posts themselves. Each post was able to be fully uploaded, changed and deleted. My passwords were encrypted using a bcrypt system run through javascript. Along with the base html and javascript I also used bootstrap framework and node.js. The design of the website was meant to show off all relevant web development skills from design to fruition.

   a. https://www.youtube.com/watch?v=_Z05VYjYjeI

2. Another Project I truly enjoyed was my SQL design project. This project took all aspects of CRUD operations and put them for full use regarding SQL. I was asked to be able to first run all aspects of the CRUD operations on Python. This python app ran through a local terminal and was able to error check along with run all revelation operations. The SQL file ranged from basic upload and delete procedures to being able to edit and change previous inputted data. The data would all be relevantly updated within my Docker environment (where I ran my server for all environments). The Docker environment ran my SQL and python programs and with the correct design was able to adjust accordingly.

   a. File to be imputed later

3. Another one of my favorite projects was my design and incorporation of an Arch Linux system within my Virtual Desktop environment. From scratch my group and I were able to design and incorporate a basic Arch Linux environment into our VMWare fusion

environment. This involved using Linux pipeline and design commands to properly set up and create the system. We used a GNOME software install to have a proper and working design. This project expressed our team's ability to work as a team and incorporate everyone's ideas regarding design and installation. Overall this project was a great experience working not only with command line, but with a scrum team as well.

E.

I have always been a strong believer in hard work pays off. Starting with my high school career I not only was the president of my STEM program, but worked two jobs and played a varsity sport. Since the age of 14 I have been working in construction and landscaping in my off season. I have never found a reason why a hard day's work would not be worth it. The hours were long, but the reward ultimately paid off. I was able to learn many valuable skills that otherwise would have never been attainable. This included basic construction skills, masonry, and basic plumbing. Once I got my license I picked up my second job of my adolescence, delivering sushi. This job taught me a new set of skills that introduced me to the customer service field. The expectation was that I would answer phones and communicate with back of house staff to complete orders. I am gracious that I was able to learn such a variety of skills at such a young age.

Moving forward to my college education I jumped at the opportunity to join the engineering school. I knew this would not be an easy task, but from my previous experience if I worked hard I would no doubt be successful. I was exactly right, I managed to keep my GPA above a 3.0 to date, while also pursuing other extracurricular activities. By the end of my freshman year I found it time to get a job, I found a sales job working at a local leasing office. Since my tenure began I was able to improve upon so many skills that I never would've been able to acquire without being face to face with clients. With the hours and dedication I have put into this career I have been able to attain top agent of the 24-25 leasing year and generated over one million dollars in revenue to date.

My academic career has not been the smoothest ride, but by putting my head down and working hard I have overall been successful. I am, if not anything, ambitious. I originally entered

the university only pursuing a bachelor's degree, but soon found myself striving for more. It started with a minor in mathematics which required only a few extra courses than required. I soon found out how easy it was to get certificates after that. Once I began researching I found several that would be easy to get. Once I was down the rabbit hole there was no leaving. By just putting a little more dedication and focus into degree structure I was able to find a path that best set me up for success now and in the future.

All my work that I have ever done or plan to do has been thought out as far as my understanding has allowed me to. I put as much effort and dedication into each and every aspect of everything I do. Whether it is a sales appointment or a website I am building. I take each and every facet of my life seriously and put a hard working mentality into it.