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Reflection Paper 1

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Internship Reflection Paper 1

During my internship, my duties have also helped me to understand the importance of these values. For instance, I've had to write scripts for various tasks, such as extracting information from spreadsheets, all while ensuring that the program is successful in running, thus requiring great attention to detail. Additionally, I've had to figure out how to complete tasks that are both efficient and effective, requiring me to engage in problem-solving tasks. Therefore, this role has given me insight into the most important aspects of a coder's personality and skillset.

During my first 50 hours, I was exposed to a variety of tasks that helped me to understand the impact and scope of coding and data analysis. One of my primary responsibilities was data cleaning and organization, with python scripts. This was critical for the success of any project. Therefore, this responsibility helped me to understand the importance of precision and accuracy. In addition, I was responsible for writing small

scripts in order to automate a process, like writing a python script that would allow for the automatic extraction of information from multiple spreadsheets. This task was fulfilling as it allowed me to experience the impacts that coding can have upon simplifying laborious processes. Therefore, I have learned the importance of coding in streamlining processes. In addition to these tasks, I also participated in meetings and collaborations with other team members. Observing experienced professionals collaborate during meetings allowed me to further understand how workplace collaboration and communication are both essential for success within a workplace setting, particularly when discussing complex processes like coding and data analysis. I learned that coding and data analysis work does not happen in isolation; it requires teamwork and effective communication.

Furthermore, I even had opportunities to present updates on my own tasks to the team. This helped me to gain confidence and public speaking skills.

There were challenges that I encountered during these first 50 hours. For instance, there were sometimes coding errors that I could not solve immediately upon encountering them, or datasets that were more complex than expected. When I felt frustrated (as I sometimes did), taking a methodical approach, breaking down problems into smaller steps, and asking for help when needed proved crucial. These experiences taught me resilience and persistence, important qualities for a career in coding.

Beyond the tasks at hand, I also had an opportunity to reflect on my learning objectives for this experience. My goals included developing a stronger understanding of python programming as applied to real-world situations, strengthening my ability to manage and analyze data, and learning how to effectively collaborate in a professional setting. Through hands-on projects, I've improved my coding skills and learned to write efficient scripts. I've gained valuable experience in data cleaning and structuring, which boosts my confidence with real-world data challenges. By participating in meetings and working alongside experienced team members, I feel I'm making measurable progress toward effective workplace collaboration.

Overall, during these first 50 hours of work within this internship position, I was able to gain an improved understanding of coding and data analysis. I also gained valuable skills necessary for communication and teamwork with others who share these skills. Although there were sometimes moments of challenge and frustration throughout these initial hours, these experiences helped me grow both personally and professionally. I now feel better prepared for increasingly complex projects and for contributing to the team's goals. This internship has reinforced my interest in pursuing a career in coding and data analysis. I'm excited about the possibilities ahead and eager to continue learning and growing throughout the coming weeks.