

## Reflection Assignment 1

1. To me, being an engineer means using creativity to solve real-world problems and make a positive impact. It's about turning ideas into practical solutions that improve lives through designing systems, writing code, or building things. Engineering also requires thinking ethically and sustainably, considering the broader implications of its impact on the world. Ultimately, it's about combining my passion for learning and creating with a desire to make the world better.
2. An engineer should have strong problem-solving skills to create effective solutions to real world problems. It is important that an engineer has technical skills and is constantly developing their skills to grow and learn as engineers. Communication and teamwork skills also tend to be very important since most engineers work with other engineers on important problems that need fixing. It is crucial for explaining complex ideas clearly and collaborating with diverse teams. An engineer must also have strong ethics meaning they must not compromise their morals for personal gain.
  - a) The skills I possess are engineering ethics as well as communication skills and teamwork skills. I also possess some technical skills such as coding, mathematics and cloud computing.
  - b) I think some of the skills I lack are the knowledge of some programming languages. Since there are a lot of programming languages, it isn't possible for every engineer to know all of them. My goal over the course of my time as an engineer is to learn as many programming languages as possible.
3. My image of an engineer aligns closely with my personal identity because it reflects many of the values and qualities I strive to embody. I see engineers as creative problem-solvers who approach challenges with curiosity and determination, and that resonates with me deeply. I've always enjoyed learning, experimenting, and finding innovative solutions.