

My Vision as an Engineer

My vision that gives me passion for the engineering profession is a future where innovation is the driving force of engineers and society as a whole. People usually have misconceptions about engineering where they come to believe that engineering is all about logic, with no room for innovation/creativity. But I believe it is actually the opposite, engineering goes hand in hand with innovation. I can go as far as to confidently say that there is no innovation without engineering.

This vision/ideal I have of engineering and innovation is not unique to just me but is reflected in many engineers today and the future engineers like myself. I believe that most engineers become engineers because of our love to innovate, to not only be able to come up with creative solutions to problems but also the ability to build upon that idea and actually make that idea a reality. This is what inspires and motivates me to continue on my path as an engineer and I am sure it is the inspiration for many others that are going down the same path.

The future that I envision where innovation is the driving force in engineers, is a world where there is significant improvement in the standards of living on a global scale. As engineers we strive to improve society, and with the rise in developing sustainable and innovative solutions in the past decade or so, I believe there is nothing we can not accomplish when innovation is the driving force of engineers. But to do so, it is of utmost importance to teach/train this generation and the future generations (of all professions, not just engineers) of innovation and adopting this mindset.

"Once you have an innovation culture, even those who are not scientists or engineers - poets, actors, journalists - they, as communities, embrace the meaning of what it is to be scientifically literate. They embrace the concept of an innovation culture." - Neil deGrasse Tyson