

ZHU YAO

FUTURE STREET

- What would the future streets and lifestyles be in the context of Self-driving

Original



In about 20 Years



In the Further Future



Self-driving is getting closer and closer to us, which we can know from many news and personal experiences. Of course, this change does not happen instantaneously, and may go through several development stages. But I think one day, Self-driving will completely re-place manual driving, which may become a reality within about twenty years. Many scholars are aware that this technology will bring huge changes to the city, including transportation, infrastructure, economy, and lifestyle. At the same time, as a new technology it has also received many questions, such as security, accident liability, information privacy issues and even unemployment problem.

In this thesis, street is chosen as a tool to investigate and create understanding of the impact of Self-driving and I want to focus on the change of people's lifestyle. Firstly I will discuss the change and impacts that Self-driving would bring to the whole society, including good opportunities and bad problems. After analyzing my discourses, several design strategies would be proposed. Based on that, the site and two typical streets would be chosen and designed. The main design process will be divided into two parts. One is designing how these

typical streets would develop in almost 20 years, while the other is discussing and evaluating several scenarios they may have in the further future.

Some ideas, especially in the second part of the design, sound crazy and may not really happen. However, history has proved that people's fantasies and imaginations sometimes will promote the development of the society and that's why I think it is interesting and valuable to research what the future streets and lifestyle would be. I will keep criticizing and reflecting in the whole process and constantly adjust my design, making such design and discussion more practical and reasonable.

KEY WORDS: Self-Driving, Street, Lifestyle, Development Stage

MATTER SPACE STRUCTURE

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