Supplementary Reading: Sensors and Computing Hardware

If you want to read more about sensors and computing hardware, check out **Section 4** from the ME597 - Autonomous Mobile Robotics Course at the University of Waterloo.


Supplementary Reading: Hardware Configuration Design

To learn more about sensing requirements for automated vehicles for highway and rural environments, check out K.J. Bussemaker's master's thesis.


Supplementary Reading: Software Architecture

Learn more about AV software architecture from the Team VictorTango - DARPA Urban Challenge Technical Paper.


Supplementary Reading: Environment Representation

This paper discusses a highly detailed map used for autonomous driving:

- P. Bender, J. Ziegler and C. Stiller, "Lanelets: Efficient map representation for autonomous driving," 2014 IEEE Intelligent Vehicles Symposium Proceedings, Dearborn, MI, 2014, pp. 420-425. doi: 10.1109/IVS.2014.6856487 (Lanelet)