

COMP8049

Embedded Systems Engineering

Essay

Completion Date: 27^h November 2020

Value: 20 marks

Title: Self-Driving Cars - challenges and opportunities

Reference texts:

1. "A Survey of Autonomous Driving: Common Practices and Emerging Technologies" by Ekim Yurtsever.
2. "Connected Car: Technologies, Issues, Future Trends" by Riccardo Coppola.
3. "A Practical Wireless Attack on the Connected Car and Security Protocol for In-Vehicle CAN" by Samuel Woo

Links etc

<https://www.scientificamerican.com/article/are-autonomous-cars-really-safer-than-human-drivers/>

<https://www.roadandtrack.com/new-cars/car-technology/news/a25316/everything-musk-said-yesterday-about-self-driving-cars/>

<https://www.irishtimes.com/business/innovation/why-we-should-ban-autonomous-cars-now-1.3987188>