

Smart Intersection Traffic Modeling

PURPOSE

WHAT WE DID

QUESTIONS

MEET THE
TEAM

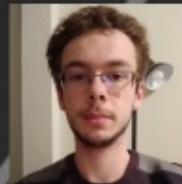
MEET THE TEAM



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Model Traffic for Self-Driving Cars

- Physical Intersection
- Simulation
- Automated Driving



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Create a simulation environment that is composed of linking a microscopic traffic simulator, the Simulation of Urban MObility (SUMO), to a development platform (Unity) to mock real life traffic.

Simulator

Node

Scale Model

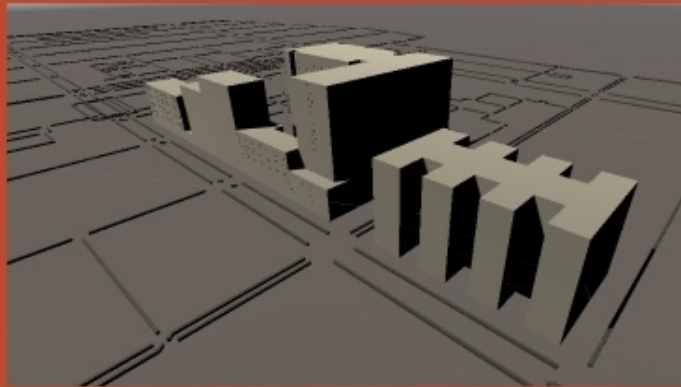
Simulation Environment

Unity/
SUMO

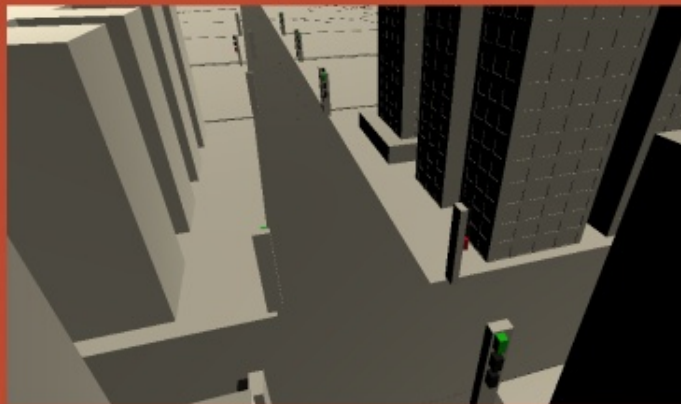
Node

Scale Model

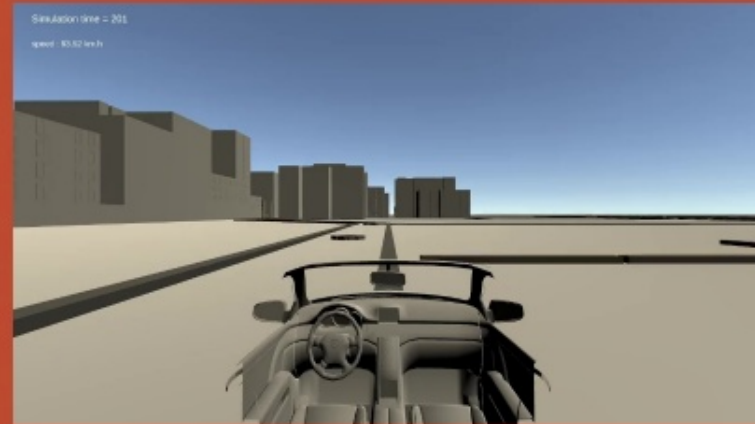
Simulation Environment



Map on June 11th



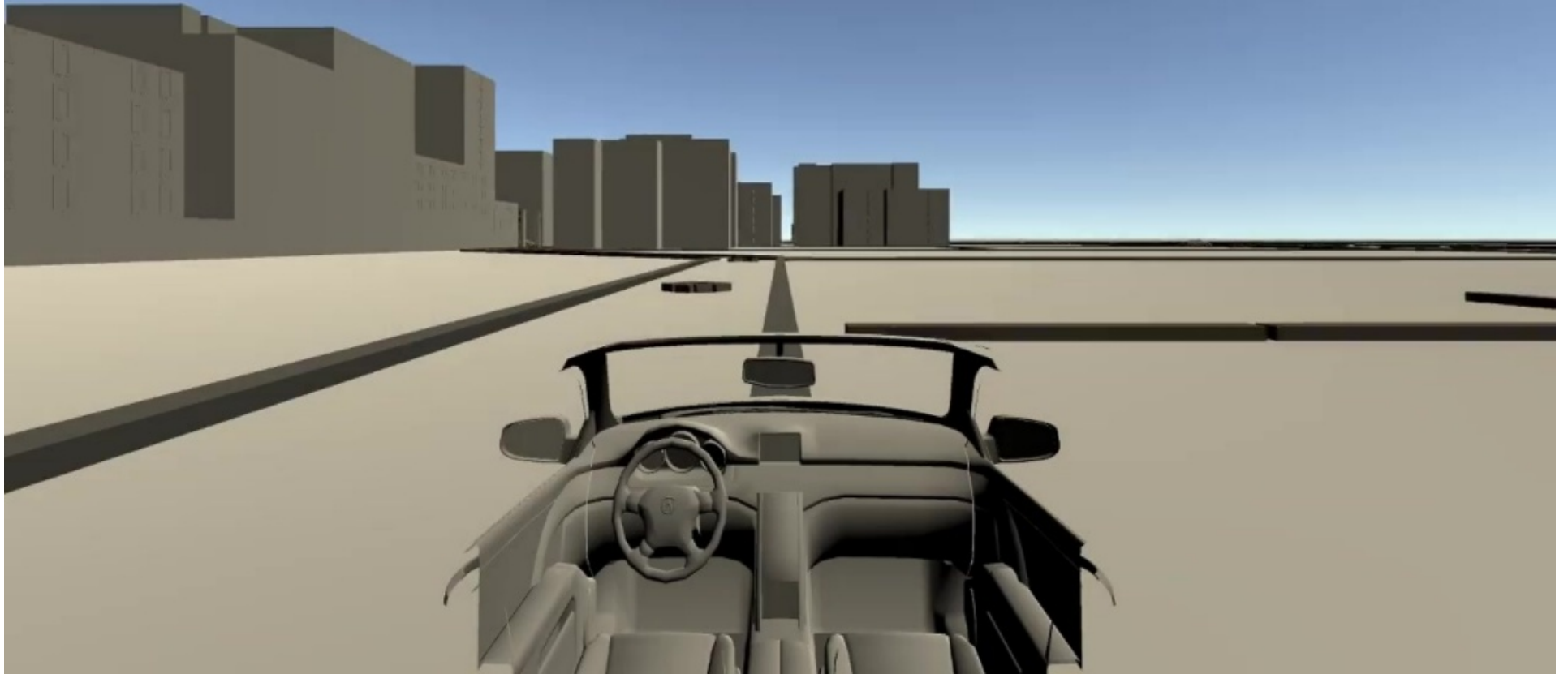
Map on June 17th



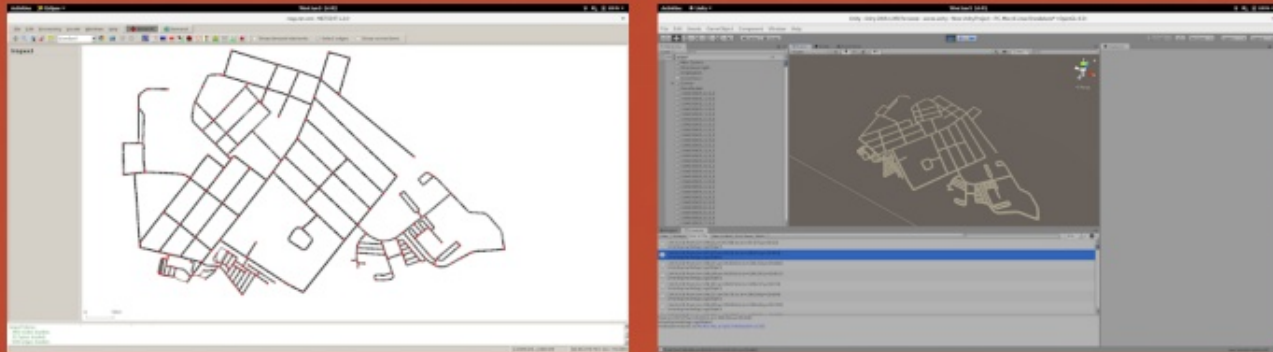
Final Product

Simulation time = 201

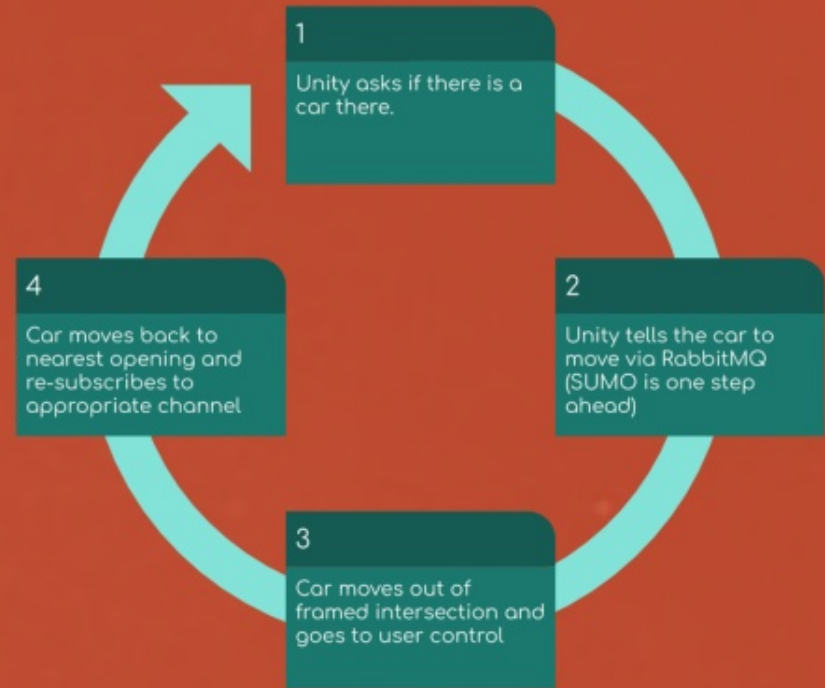
speed : 93.52 km.h



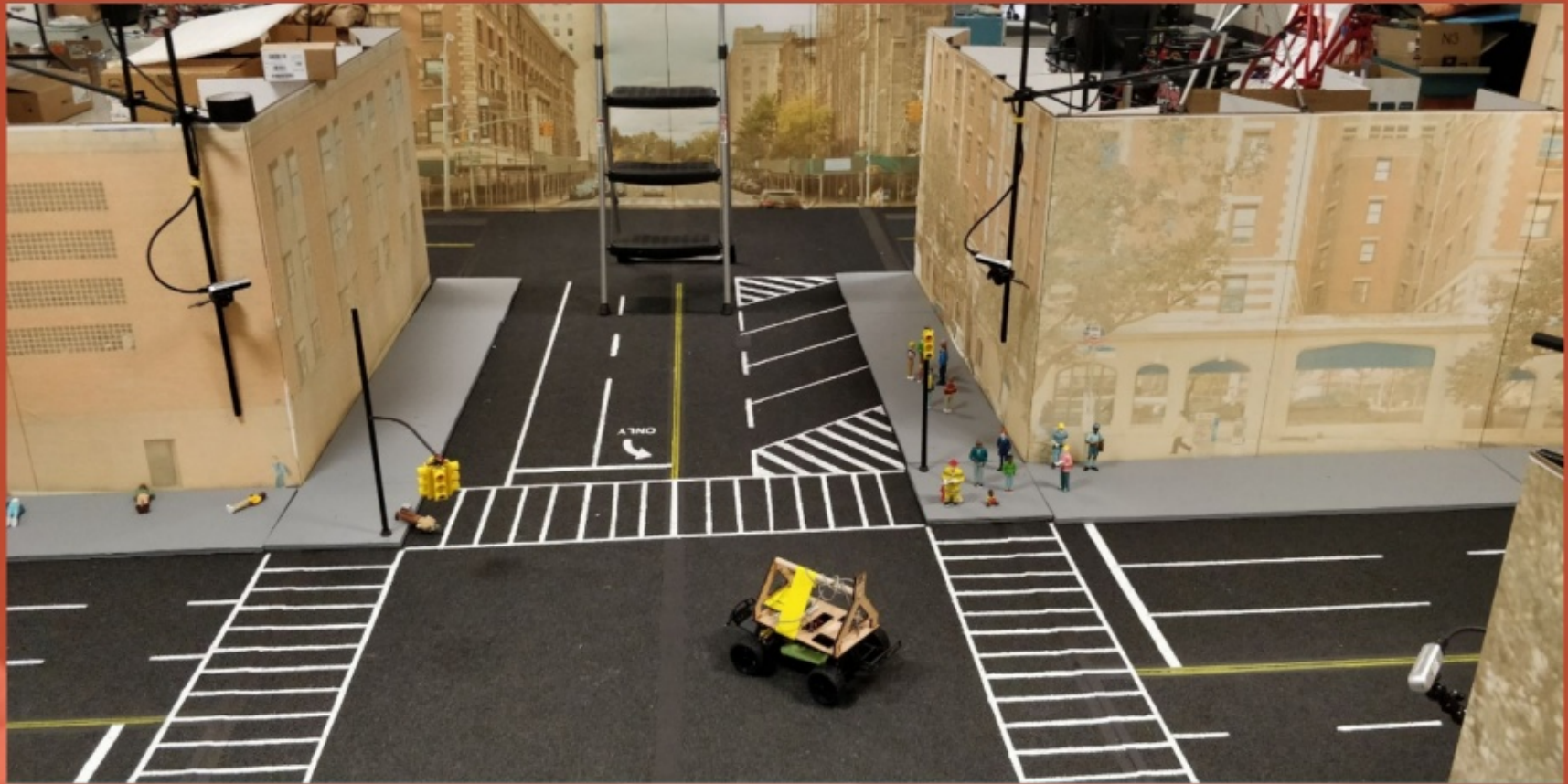
Unity/SUMO



Node



Scale Model



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