**Project Title**

**Smart City: Develop a Traffic Simulation Model for Education City**

Area of interest: Education City, Qatar.

**Project Description:**

The model will include the road, metro and pedestrian networks and all traffic lights, while the demand model will be built based on some data or hypothesis. Students will develop some what-if case studies and conduct sensitivity analysis.

**Project Type:** Engineering

**Duties/Activities:**

Build the model (road, metro, pedestrian), traffic lights.

Points of interest inside education city, stadium, parking areas, universities etc.

**Required Skills:**

Some knowledge of traffic simulators is preferable but not essential.

Languages: Python, C++.

**Preferred Intern Academic Level:**

2nd or 3rd year undergraduate student

**Learning Opportunities:**

Interns will work closely with experts in AI and transportation

**Expected Team Size:** 2

**Mentors**

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