

Job Summary:

Toyota Motor North America R&D, InfoTech Labs, Intelligent Connected Systems Division has multiple internship/co-op positions available for the coming 2020 **summer** semester/quarter. If interested, please send resume/CV to Ziran Wang (ziran.wang@toyota.com) with a title "Internship Application Full Name".

Objective:

Conduct research in one or several of the following topics, including vehicular cyber-physical systems, vehicle-to-cloud framework, and/or cooperative automated driving. Perform numerical simulation or develop proof-of-concept prototype for the research topic.

Detailed Information:

1. This position is expected to start in the **summer** semester/quarter, and the length can vary from 3 to 6 months (with potential extensions).
2. The topic of the job can be jointly defined with the research mentor under the scope of the ongoing projects in the Intelligent Connected Systems Division, which are generally related to intelligent vehicles technologies.
3. Peer-reviewed publications and/or U.S. patent filings are desired at the end of the working period.

Preferred Qualifications:

1. **Currently pursuing** master or Ph.D. degree in computer science, electrical engineering, mechanical engineering, civil engineering or a related major in a full-time, accredited graduate degree program in the U.S.
2. Research or project experience regarding any of the following research fields, including autonomous driving, intelligent/connected vehicles, machine learning, big data, cyber-physical systems, cloud computing, driver behavior, human factors, AR/VR, and game engine.
3. Fluent coding skill with any of MATLAB, Python and C#.
4. A proof of strong research publication record is a plus.

Perks at InfoTech Labs:

1. A research-oriented facility located in the center of Silicon Valley.
2. Competitive wages and paid holidays.
3. Housing and relocation assistance for those that qualify.
4. 1-1 supervised by a research mentor.