

Smart Cities Ideation Challenge

Tomorrow's possibilities start today with Rogers 5G!

Rogers, UBC, City of Kelowna, Blue City Technology and Microsoft invite you to a weekend long **virtual** hackathon focused on how 5G, MEC and LiDAR data will change the landscape of smart cities!

Register for this hackathon and ideation challenge to get:

- Hands on experience with edge compute, Microsoft Cognitive Libraries, LiDAR objects, and other transportation/traffic/smart city related data.
- E2E architecture overview of 5G, MEC infrastructure, and LiDAR sensors
- Access to SMEs in traffic management, smart city solutions, MEC, 5G, and data science
- Winners will have the opportunity to win a 4 month paid Rogers internship, plus other great prizes (Samsung S20 phones with free 5G service, Microsoft Surfaces, and Raspberry Pi coding kits, and more). Winning teams will also be offered the opportunity to continue development of the idea into a working prototype for BC Tech Summit demonstrations.

What can you build? Options include developing an original mobile/web application that solves mobility issues, such as parking, traffic jams, car use reduction, or apps that solve issues around public space congestion, security, and safety. We want you to use what you know about 5G and edge compute, and use the various data sources available to create something that benefits municipalities and their constituents!

Date: Friday March 27 through Sunday March 29, 2020

Start time: 5pm Friday

Location: Online! This is a virtual event to keep everyone safe.

Must Have Skills: Python or another programming language is required to support the coding, but only one programmer is required per team. If you are not a coder, please sign up anyway.

Free and open event for Computer Science and Engineering students, Urban Planning, and MBA students focused on public policy and municipal issues.

RSVP at: <https://my.cs.ubc.ca/event/2020/03/smart-city-hackathon>

