type:: [[Organization]] features:: [[Government]]

# Ontario Vehicle Innovation Network

* Connected Infrastructure V2X, Demonstration of Secure, Multimodal Prioritization Schemes
  + Project: Connected Infrastructure V2X, Demonstration of Secure, Multimodal Prioritization Schemes
  + Partners: [Miovision Technologies Inc.](https://miovision.com/); [ESCRYPT Canada](https://www.escrypt.com/en); [GeoTab Inc.](https://www.geotab.com/); [Magna Electronics](https://www.magna.com/company/company-information/magna-groups/magna-electronics)
  + Program Commitment: $1,000,000
  + Partner Commitment(s): $1,000,000
* Regional Technology Development Site - Waterloo Region
  + Program: Autonomous Vehicle Innovation Network (AVIN) - Regional Technology Development Sites
  + Partner: [[Communitech]]
  + Program Commitment: $4,998,225
  + Partner Commitment(s): $5,165,299
* Regional Technology Development Site - WindsorEssex Region
  + Program: Autonomous Vehicle Innovation Network (AVIN) - Regional Technology Development Sites
  + Partners: [Windsor Essex Economic Development Corporation (WEEDC)](https://www.investwindsoressex.com), [University of Windsor](https://www.uwindsor.ca), [St. Clair College](https://www.stclaircollege.ca/), [City of Windsor](https://www.citywindsor.ca/) and [WETech Alliance](https://www.wetech-alliance.com/)
  + Program Commitment: $2,662,500
  + Partner Commitment(s): $5,523,975
* On-Demand Transit Software
  + Program: Autonomous Vehicle Innovation Network (AVIN) - AV R&D Partnership Fund
  + Partner: [[Pantonium]]
  + Program Commitment: $947,450
  + Partner Commitment(s): $2,488,200
* Regional Technology Development Site - Toronto Region
  + Program: Autonomous Vehicle Innovation Network (AVIN) - Regional Technology Development Sites
  + Partners: [MaRS Discovery District](https://www.marsdd.com/), [University of Toronto](https://www.utoronto.ca/), [Toronto Metropolitan University](https://www.torontomu.ca/) and [York University](https://www.yorku.ca/)
  + Program Commitment: $5,000,000
  + Partner Commitment(s): $6,556,000
* Regional Technology Development Site - Hamilton Region
  + Program: Autonomous Vehicle Innovation Network (AVIN) - Regional Technology Development Sites
  + Partners: Innovation Factory, McMaster University, Mohawk College and the City of Hamilton
  + Program Commitment: $4,999,999
  + Partner Commitment(s): $5,504,528
* Application Software Testing CV/AV (ASTCVAV)
  + Program: Autonomous Vehicle Innovation Network (AVIN) - AV R&D Partnership Fund
  + Partners: QA Consultants; Hitachi Consulting Canada; [Automotive Centre of Excellence, OntarioTech](https://engineering.ontariotechu.ca/research/research-labs/automotive-centre-of-excellence.php); CAA
  + Program Commitment: $440,800
  + Partner Commitment(s): $576,000
* Havelaar Critical Infrastructure EV to AV id:: 629191df-73e2-4e52-aa07-c1538181789c
  + Program: Autonomous Vehicle Innovation Network (AVIN) - AV R&D Partnership Fund
  + Partners: [Havelaar Canada Industrial R & D Laboratory Ltd.](https://www.eleappower.com/); Chery Commercial Vehicle (Anhui) Co. Ltd; Opus1
  + Program Commitment: $954,964
  + Partner Commitment(s): $1,054,964
* Connected Transit Signal Priority
  + Program: Autonomous Vehicle Innovation Network (AVIN) - AV R&D Partnership Fund
  + Partners: The Regional Municipality of Waterloo; The Regional Municipality of Durham; Region of Waterloo; Fortran Traffic Systems Limited
  + Program Commitment: $210,265
  + Partner Commitment(s): $1,935,865
* LaneCruise Fleet Pilot
  + Program: Autonomous Vehicle Innovation Network (AVIN) - AV R&D Partnership Fund
  + Partners: [X-Matik Inc.](https://x-matik.com/); City of Toronto
  + Program Commitment: $375,267
  + Partner Commitment(s): $455,267
* [Project Arrow](https://www.ovinhub.ca/project-arrow/)
  + Program: Autonomous Vehicle Innovation Network (AVIN) - Demonstration Zone and Regional Technology Development Sites
  + Partners: [Automotive Parts Manufacturer’s Association (APMA)](https://apma.ca/)
  + Program Commitment: $5,000,000
  + Partner Commitment(s): $5,120,000
* 26 Day Inc. DBA RoadLaunch - TalentEdge internships for AI, IoT and Blockchain Development for Connected and Smart Freight Logistics Solutions
  + Program: Autonomous Vehicle Innovation Network (AVIN) - TalentEdge
  + Partner: 26 Day Inc. DBA RoadLaunch
  + Program Commitment: $60,000
  + Partner Commitment(s): $78,000
* Safe and Robust Planning for Autonomous Vehicles
  + Program: Autonomous Vehicle Innovation Network (AVIN) - TalentEdge
  + Partners: [NXP Canada Inc.](https://www.nxp.com/), University of Waterloo
  + Program Commitment: $10,000
  + Partner Commitment(s): $10,150
* Trans-Plan Transportation Engineering - Gopikrishnan and Singh
  + Program: Autonomous Vehicle Innovation Network (AVIN) - TalentEdge
  + Partner: Trans-Plan Transportation Inc.
  + Program Commitment: $60,000
  + Partner Commitment(s): $60,000
* Using Autonomous Vehicles and Crowd Data to Solve the Traffic Problem
  + Program: Autonomous Vehicle Innovation Network (AVIN) - TalentEdge
  + Partner: Fast Fwd Technologies Inc.
  + Program Commitment: $20,000
  + Partner Commitment(s): $20,000
* iNAGO Corp. - Emad Gohari Boroujerdi
  + Program: Autonomous Vehicle Innovation Network (AVIN) - TalentEdge
  + Partners: iNAGO Corporation, York University
  + Program Commitment: $30,000
  + Partner Commitment(s): $30,000
* Demonstration of a Battery-Based Autonomous EV Charging Station
  + Program: Autonomous Vehicle Innovation Network (AVIN) - AV R&D Partnership Fund
  + Partners: Oshawa Power and Utilities Corporation; InspecTech Analygas Group Inc.; [eCAMION Inc.](https://www.ecamion.com/)
  + Program Commitment: $1,000,000
  + Partner Commitment(s): $1,100,247
* Vehicle Dynamics Control and Real Time Autotuning Software
  + Program: Autonomous Vehicle Innovation Network (AVIN) - TalentEdge
  + Partners: [X-Matik Inc.](https://x-matik.com/), University of Toronto
  + Program Commitment: $90,000
  + Partner Commitment(s): $90,000
* AIR: Artificial Intelligence Designed for Radar Sensors in Autonomous Vehicles
  + Program: Autonomous Vehicle Innovation Network (AVIN) - AV R&D Partnership Fund
  + Partners: Valeo Canada, Inc.; [Sensor Cortek Inc](https://sensorcortek.ai/)
  + Program Commitment: $478,000
  + Partner Commitment(s): $506,800
* Snow Plow and Salter Automated System
  + Program: Autonomous Vehicle Innovation Network (AVIN) - AV R&D Partnership Fund
  + Partners: [Viking-Cives](https://www.vikingcives.com/); [Flodraulic Controls Ltd.](https://flodraulic.com/)
  + Program Commitment: $538,952
  + Partner Commitment(s): $594,268
* TalentEdge - Deep Learning Running on AXIS Communications Cameras
  + Program: Autonomous Vehicle Innovation Network (AVIN) - TalentEdge
  + Partners: Invision AI
  + Program Commitment: $20,000
  + Partner Commitment(s): $20,667
* Blockchain Microservice
  + Program: Autonomous Vehicle Innovation Network (AVIN) - AV R&D Partnership Fund
  + Partners: IBM Canada Ltd.; [NXM Technologies Inc.](https://www.nxmlabs.com/)
  + Program Commitment: $772,716
  + Partner Commitment(s): $1,028,375
* Validation & Launch of Backend Software: Mapping the City Road Assets/TrafficSigns Application
  + Program: Autonomous Vehicle Innovation Network - AV R&D Partnership Fund - Stream 1
  + Partners: Trans-Plan Transportation Inc.; City of Niagara Falls
  + Program Commitment: $98,112
  + Partner Commitment(s): $118,202
* FleetOps V2
  + Program: Autonomous Vehicle Innovation Network (AVIN) - TalentEdge
  + Partners: [FleetOps](https://www.fleetops.ai/)
  + Program Commitment: $10,000
  + Partner Commitment(s): $10,000
* DGDL Autonomous Vehicle Exploration
  + Program: Autonomous Vehicle Innovation Network (AVIN) - TalentEdge
  + Partners: [Daily Goods Design LABS](https://www.dgdesignlabs.ca/)
  + Program Commitment: $10,000
  + Partner Commitment(s): $10,000
* inMotive
  + Program: Autonomous Vehicle Innovation Network (AVIN) - TalentEdge
  + Partners: [inMotive](https://www.inmotive.com/)
  + Program Commitment: $30,000
  + Partner Commitment(s): $30,000
* Low Cost Wide Band UHF Power Amplifier for DSRC
  + Program: Autonomous Vehicle Innovation Network (AVIN) - TalentEdge
  + Partners: [6Harmonics Inc.](https://6harmonics.com/)
  + Program Commitment: $30,000
  + Partner Commitment(s): $30,600
* Irdeto Canada
  + Program: Autonomous Vehicle Innovation Network (AVIN) - TalentEdge
  + Partners: Irdeto Canada
  + Program Commitment: $30,000
  + Partner Commitment(s): $30,000
* Autonomous Platform Integrity and Cyber Security (APICS)
  + Program: Autonomous Vehicle Innovation Network (AVIN) - TalentEdge
  + Partners: JCAII (Jeff Campbell Associates International Inc)
  + Program Commitment: $20,000
  + Partner Commitment(s): $20,000
* Enhanced Safety Measures for Region of Waterloo High-Risk Conflict Intersections
  + Program: Autonomous Vehicle Innovation Network (AVIN) - AV R&D Partnership Fund
  + Partners: Brisk Synergies; Region of Waterloo
  + Program Commitment: $87,500
  + Partner Commitment(s): $126,420
* Low Power Autonomous Vehicle Navigation
  + Program: Autonomous Vehicle Innovation Network (AVIN) - TalentEdge
  + Partners: [Canadensys Aerospace Corporation](https://www.canadensys.com)
  + Program Commitment: $70,000
  + Partner Commitment(s): $99,925
* Optimize Cloud Architecture to Enable Real-Time Distributed Computing
  + Program: Autonomous Vehicle Innovation Network (AVIN) - TalentEdge
  + Partners: [Fast Fwd Technologies](https://www.fastfwd.xyz/)
  + Program Commitment: $30,000
  + Partner Commitment(s): $30,000
* Detection of Low Surface Grip by Applying AI to C/AV Signal Data
  + Program: Autonomous Vehicle Innovation Network - AV R&D Partnership Fund - Stream 1
  + Partners: [Acerta Analytics Solutions, Inc.](https://acerta.ai/); General Motor of Canada Company
  + Program Commitment: $100,000
  + Partner Commitment(s): $170,000
* IoT Device for Real Time Infrastructure Deficiencies Detection
  + Program: Autonomous Vehicle Innovation Network - AV R&D Partnership Fund - Stream 1
  + Partners: Region of Peel; [IRIS R&D Group Inc.](https://www.irisradgroup.com/); City of Hamilton
  + Program Commitment: $100,000
  + Partner Commitment(s): $163,500
* The Car of the Future TalentEdge 1
  + Program: Autonomous Vehicle Innovation Network (AVIN) - TalentEdge Fellowship Program (TFP)
  + Partners: FCA Canada Inc.; McMaster University
  + Program Commitment: $210,000
  + Partner Commitment(s): $300,000
* Bluetooth/NFC-Enabled Battery Bank Monitoring and Self-Balancing System
  + Program: Autonomous Vehicle Innovation Network (AVIN) - TalentEdge
  + Partners: [Axiomatic Technologies Corporation](https://www.axiomatic.com/)
  + Program Commitment: $60,000
  + Partner Commitment(s): $82,754
* Cloud DX - Occupant Continuous Vital Sign Monitoring
  + Program: Autonomous Vehicle Innovation Network - Stream 2/WinterTech
  + Partners: [Clouddx Inc.](https://clouddx.com/#/); [Faurecia North America, Inc.](https://www.faurecia.com/en)
  + Program Commitment: $408,798
  + Partner Commitment(s): $408,798
* OnTRAC: Safe and Robust Obstacle Detection for Autonomous Rail
  + Program: Autonomous Vehicle Innovation Network - Stream 2/WinterTech
  + Partners: Thales Canada Inc.; York University; [TrackGen Solutions Inc.](https://www.trackgen.com/) ; [Neptec Technologies Corp.](https://www.neptectechnologies.com/)
  + Program Commitment: $1,130,000
  + Partner Commitment(s): $1,455,606
* SmartCone Autonomous Shuttle Service in the Town of Whitby
  + Program: Autonomous Vehicle Innovation Network - Stream 2/WinterTech
  + Partners: Nokia Canada; Town of Whitby; [Aurrigo Canada](https://aurrigo.com/av-firm-expands-to-canada/); University of Ontario Institute of Technology; [SmartCone Technologies Inc.](https://www.thesmartcone.com/); Durham Region Transit; AutoGuardian by SmartCone
  + Program Commitment: $986,163
  + Partner Commitment(s): $1,707,024
* Retrofit of an automated heavy-duty vehicle
  + Program: Autonomous Vehicle Innovation Network - Stream 2/WinterTech
  + Partners: [Almon Equipment Limited](https://www.almon.ca/); [X-matik Inc.](https://x-matik.com/); University of Waterloo; [The Miller Group](https://www.millergroup.ca/)
  + Program Commitment: $253,250
  + Partner Commitment(s): $685,379
* Invision AI Forward Collision Warning System - Talent Edge
  + Program: Autonomous Vehicle Innovation Network (AVIN) -TalentEdge Internship Program (TIP)
  + Partners: [Invision AI, Inc.](https://invision.ai/)
  + Program Commitment: $30,000
  + Partner Commitment(s): $51,500
* Rail Forward Collision Warning System
  + Program: Autonomous Vehicle Innovation Network - Stream 2/WinterTech
  + Partners: [Invision AI, Inc.](https://invision.ai/); [THALES CANADA, TRANSPORTATION SOLUTIONS](https://www.thalesgroup.com/en/transportation-canada)
  + Program Commitment: $279,575
  + Partner Commitment(s): $293,800
* Network Operations for Intelligent Transportation Systems
  + Program: Autonomous Vehicle Innovation Network - Stream 2/WinterTech
  + Partners: Trent University; City of Peterborough; [Paxgrid Cdn Inc](https://opengovca.com/corporation/8898545)
  + Program Commitment: $349,800
  + Partner Commitment(s): $567,300
* Vehicle Occupancy Detection - TalentEdge
  + Program: Autonomous Vehicle Innovation Network (AVIN) - TalentEdge Fellowship Program (TFP)
  + Partners: [Invision AI, Inc.](https://invision.ai)
  + Program Commitment: $70,000
  + Partner Commitment(s): $100,000
* 5G Optimization
  + Program: Autonomous Vehicle Innovation Network (AVIN) - TalentEdge Fellowship Program (TFP)
  + Partners: NXM Technologies Inc.
  + Program Commitment: $35,000
  + Partner Commitment(s): $52,644
* Post Quantum Resistance
  + Program: Autonomous Vehicle Innovation Network (AVIN) -TalentEdge Internship Program (TIP)
  + Partners: NXM Technologies Inc.
  + Program Commitment: $30,000
  + Partner Commitment(s): $42,644
* Internship in CIeNET Technologies Canada
  + Program: Autonomous Vehicle Innovation Network (AVIN) -TalentEdge Internship Program (TIP)
  + Partners: [CIeNET International](https://www.cienet.com/); University of Ottawa
  + Program Commitment: $20,000
  + Partner Commitment(s): $43,918
* A Novel Approach to Detect Drowsiness Resulting From Sleep Loss and Sleep Pressure
  + Program: Autonomous Vehicle Innovation Network - AV R&D Partnership Fund - Stream 1
  + Partners: [Utsav Systems Inc.](https://opencorporates.com/companies/ca/8021309)
  + Program Commitment: $40,000
  + Partner Commitment(s): $40,000
* Key2Access: Wireless Pedestrian Crossing Solution improving accessibility for the visually, hearing or mobility impaired (Mobile App with IoT layer)
  + Program: Autonomous Vehicle Innovation Network - AV R&D Partnership Fund - Stream 1
  + Partners: City of Toronto; [Key2Access Inc.](https://key2access.com/)
  + Program Commitment: $57,538
  + Partner Commitment(s): $74,630
* Open-standards approach to wireless inductive charging for autonomous electric vehicles
  + Program: Autonomous Vehicle Innovation Network (AVIN) -TalentEdge Internship Program (TIP)
  + Partners: [SWTCH E-Car Inc.](https://swtchenergy.com/index)
  + Program Commitment: $30,000
  + Partner Commitment(s): $30,000
* Autzu Vehicle Connection module for rideshare fleet
  + Program: Autonomous Vehicle Innovation Network - AV R&D Partnership Fund - Stream 1
  + Partners: [Autzu](https://autzu.com/tor); [PFAFF Motors Inc.](https://www.pfaffauto.com/)
  + Program Commitment: $100,000
  + Partner Commitment(s): $129,633
* Connected Transit Vehicle Platform
  + Program: Autonomous Vehicle Innovation Network - AV R&D Partnership Fund - Stream 1
  + Partners: [Arcturus Networks Inc.](https://www.arcturusnetworks.com/); [Clever Devices Ltd.](https://www.cleverdevices.com/)
  + Program Commitment: $99,922
  + Partner Commitment(s): $205,644
* In-Vehicle Passenger Occupancy Detector and Vital Sign Monitoring System
  + Program: Autonomous Vehicle Innovation Network - AV R&D Partnership Fund - Stream 1
  + Partners: [Omron Automotive Technologies](https://automation.omron.com/en/ca/industries/automotive/)
  + Program Commitment: $56,000
  + Partner Commitment(s): $64,480
* Future Impact of Autonomous Driving Technology on Social Service, Urban Infrastructure, Mobility and Lifestyle
  + Program: Autonomous Vehicle Innovation Network (AVIN) -TalentEdge Internship Program (TIP)
  + Partners: [Aprilli Design Ltd.](http://www.aprilli.com/)
  + Program Commitment: $20,000
  + Partner Commitment(s): $20,000
* Autzu driveshare automation and fleet performance modeling
  + Program: Autonomous Vehicle Innovation Network (AVIN) -TalentEdge Internship Program (TIP)
  + Partners: [Autzu Inc.](https://autzu.com/tor)
  + Program Commitment: $30,000
  + Partner Commitment(s): $30,000
* Real-time monitoring of connected car emissions data
  + Program: Autonomous Vehicle Innovation Network (AVIN) -TalentEdge Internship Program (TIP)
  + Partners: [Fast Fwd Technologies Inc.](https://www.fastfwd.xyz/)
  + Program Commitment: $30,000
  + Partner Commitment(s): $30,000
* Estimation of traffic patterns using vehicles wireless signals for application in traffic signal optimization
  + Program: Autonomous Vehicle Innovation Network - AV R&D Partnership Fund - Stream 1
  + Partners: [SMATS TRAFFIC SOLUTIONS INCORPORATED](https://www.smatstraffic.com/); [Parsons](https://www.parsons.com/)
  + Program Commitment: $94,325
  + Partner Commitment(s): $95,325
* Algorithms to estimate failure probabilities and costs from automotive time-series and service data
  + Program: Autonomous Vehicle Innovation Network (AVIN) -TalentEdge Internship Program (TIP)
  + Partners: [Pitstop](https://pitstopconnect.com/)
  + Program Commitment: $30,000
  + Partner Commitment(s): $68,000
* Road Operated Video Extended Recognition (ROVER)
  + Program: Autonomous Vehicle Innovation Network - AV R&D Partnership Fund - Stream 1
  + Partners: [Visual Defence Inc](https://www.visualdefence.com/); Town of Richmond Hill
  + Program Commitment: $100,000
  + Partner Commitment(s): $148,868
* Vehicle Prognostics - Aftertreatment/Diesel Environmental System Prognostics
  + Program: Autonomous Vehicle Innovation Network - AV R&D Partnership Fund - Stream 1
  + Partners: 9182039 Canada Inc; [Trimac Transportation Services Inc.](https://www.trimac.com/)
  + Program Commitment: $88,231
  + Partner Commitment(s): $138,571
* Pitstop & Connvex creating an prognostics insights engine for mobility
  + Program: Autonomous Vehicle Innovation Network - Stream 2/WinterTech
  + Partners: Complete Innovations Inc.; Ansik Inc.
  + Program Commitment: $1,000,000
  + Partner Commitment(s): $2,016,000
* Invision AI - Forward Collision Warning System - Talent Edge II
  + Program: Autonomous Vehicle Innovation Network (AVIN) -TalentEdge Internship Program (TIP)
  + Partners: Invision AI, Inc.
  + Program Commitment: $30,000
  + Partner Commitment(s): $42,000
* Next Gen Smart Cockpit with Intelligent Assistant Demonstration System
  + Program: Autonomous Vehicle Innovation Network - Stream 2/WinterTech
  + Partners: iNAGO Corporation; DENSO INTERNATIONAL AMERICA, INC.; ABC Technologies
  + Program Commitment: $596,882
  + Partner Commitment(s): $1,212,886
* Application Amplification of Mapping City Roads Assets (AssetCity)
  + Program: Autonomous Vehicle Innovation Network (AVIN) -TalentEdge Internship Program (TIP)
  + Partners: Trans-Plan Transportation Inc.
  + Program Commitment: $30,000
  + Partner Commitment(s): $46,992
* ADMMIT Connected Freight Management and Delivery System
  + Program: Autonomous Vehicle Innovation Network - Stream 2/WinterTech
  + Partners: NORCAT; Cementation Canada Inc.; SHYFTinc Industries Ltd. (O/A SHYFTinc); Boudreau-Espley-Pitre Corporation (O/A BESTECH)
  + Program Commitment: $913,689
  + Partner Commitment(s): $1,827,380
* Regression Modeling for Improved Road Safety Analysis using Traffic Conflicts
  + Program: Autonomous Vehicle Innovation Network (AVIN) -TalentEdge Internship Program (TIP)
  + Partners: Brisk Synergies Tech Corp
  + Program Commitment: $20,000
  + Partner Commitment(s): $20,000
* Winterizing L4 Autonomous Vehicles for Short-Haul Logistics
  + Program: Autonomous Vehicle Innovation Network - Stream 2/WinterTech
  + Partners: Loblaws Inc.; Gatik Inc.
  + Program Commitment: $1,057,706
  + Partner Commitment(s): $8,068,325
* Automotive Ethernet, Ethernet, CAN Smart Gateway
  + Program: Autonomous Vehicle Innovation Network (AVIN) -TalentEdge Internship Program (TIP)
  + Partners: Axiomatic Technologies Corporation
  + Program Commitment: $30,000
  + Partner Commitment(s): $111,655
* Internship for Vehicle Telematics Development
  + Program: Autonomous Vehicle Innovation Network (AVIN) -TalentEdge Internship Program (TIP)
  + Partners: Autzu Inc.
  + Program Commitment: $20,000
  + Partner Commitment(s): $130,000
* Advanced Statistical Control System (ASCS) for Long Range Autonomous Electric Vehicle (AEV) Operation
  + Program: Autonomous Vehicle Innovation Network (AVIN) -TalentEdge Internship Program (TIP)
  + Partners: Aquova Inc.
  + Program Commitment: $30,000
  + Partner Commitment(s): $75,000
* Long and short term prediction of automotive system health from automotive sensor time series data using neural network models
  + Program: Autonomous Vehicle Innovation Network (AVIN) - TalentEdge Fellowship Program (TFP)
  + Partners: Ansik inc
  + Program Commitment: $35,000
  + Partner Commitment(s): $65,000
* iNAGO Corp.
  + Program: Autonomous Vehicle Innovation Network (AVIN) -TalentEdge Internship Program (TIP)
  + Partners: iNAGO Corp.
  + Program Commitment: $10,000
  + Partner Commitment(s): $14,600
* Rail Forward Collision System in Extreme Weather Conditions
  + Program: Autonomous Vehicle Innovation Network - Stream 2/WinterTech
  + Partners: Invision AI, Inc.; THALES CANADA, TRANSPORTATION SOLUTIONS
  + Program Commitment: $483,600
  + Partner Commitment(s): $1,027,760
* Vehicular Sensor Fusion for Detection and Characterization of Significant Events
  + Program: Autonomous Vehicle Innovation Network (AVIN) -TalentEdge Internship Program (TIP)
  + Partners: Klashwerks Inc.
  + Program Commitment: $20,000
  + Partner Commitment(s): $20,000
* Internship for In-car software application for Autzu Vehicle Connection (AVC) System
  + Program: Autonomous Vehicle Innovation Network (AVIN) -TalentEdge Internship Program (TIP)
  + Partners: Autzu Inc.
  + Program Commitment: $30,000
  + Partner Commitment(s): $245,000
* Winter-Proof Traffic Vision System Demonstration
  + Program: Autonomous Vehicle Innovation Network - Stream 2/WinterTech
  + Partners: Miovision Technologies Incorporated; City of Peterborough
  + Program Commitment: $490,117
  + Partner Commitment(s): $980,235
* Connected Electric Vehicle
  + Program: Autonomous Vehicle Innovation Network - AV R&D Partnership Fund - Stream 1
  + Partners: WeTraq Inc; The CableShoppe Inc; DaeChang Motors
  + Program Commitment: $99,900
  + Partner Commitment(s): $217,600
* Winter Ice and Snow Decision support system for Operations Management
  + Program: Autonomous Vehicle Innovation Network - Stream 2/WinterTech
  + Partners: IBI Group Professional Services (Canada) Inc.; Weather Telematics inc.
  + Program Commitment: $238,742
  + Partner Commitment(s): $477,485
* MESH Tracks Winter Maintenance and Information System
  + Program: Autonomous Vehicle Innovation Network - Stream 2/WinterTech
  + Partners: Corporation of the City of Quinte West; Go Evo Inc.; City of Belleville
  + Program Commitment: $410,000
  + Partner Commitment(s): $834,408
* Development of Durable and Functional Nanocoatings to Prevent Sensor Blindness in Autonomous Vehicles
  + Program: Autonomous Vehicle Innovation Network (AVIN) -TalentEdge Internship Program (TIP)
  + Partners: Neverfrost, Inc.
  + Program Commitment: $30,000
  + Partner Commitment(s): $31,500
* 100% electric salt brining sidewalk robots
  + Program: Autonomous Vehicle Innovation Network - AV R&D Partnership Fund - Stream 1
  + Partners: Green Ventures; 11712381 Canada Corporation (dba Top Hat Robotics)
  + Program Commitment: $99,990
  + Partner Commitment(s): $200,200
* Swiss Reinsurance Company Ltd
  + Program: Autonomous Vehicle Innovation Network - Stream 2/WinterTech
  + Partner: Swiss Reinsurance Company Ltd
  + Program Commitment: $804,583
  + Partner Commitment(s): $1,611,875
* Autonomous Self Driving Trucks for short-haul operations
  + Program: Autonomous Vehicle Innovation Network - Stream 2/WinterTech
  + Partners: NuPort Robotics Inc.; Canadian Tire Corporation, Limited
  + Program Commitment: $1,000,000
  + Partner Commitment(s): $2,132,147
* Operator-free Charging for Autonomous Transit Vehicles
  + Program: Autonomous Vehicle Innovation Network - Stream 2/WinterTech
  + Partners: eCAMION Inc.; Oshawa PUC Networks Inc.; Durham Region Transit; Inspectech Analygas Group Inc.
  + Program Commitment: $773,603
  + Partner Commitment(s): $1,547,205
* Design and development of In-car connectivity using eSIM for safe and reliable fleet management
  + Program: Autonomous Vehicle Innovation Network - Stream 2/WinterTech
  + Partners: Autzu Inc.; Stork Driver, LLC
  + Program Commitment: $921,611
  + Partner Commitment(s): $1,843,241
* Software Integration to Enable Docked e-Scooter Fleet Management
  + Program: Autonomous Vehicle Innovation Network - AV R&D Partnership Fund - Stream 1
  + Partners: Joyride Technologies Inc.; Blue Duck Scooters
  + Program Commitment: $93,405
  + Partner Commitment(s): $188,809
* Prototype Urban V2X Ecosystem
  + Program: Autonomous Vehicle Innovation Network - AV R&D Partnership Fund - Stream 1
  + Partners: PaxgridCdn Inc; City of Peterborough
  + Program Commitment: $80,026
  + Partner Commitment(s): $160,054
* Acerta Analytics Solutions Inc.
  + Program: Autonomous Vehicle Innovation Network – AV R&D Partnership Fund – Stream 1
  + Partners: Acerta Analytics Solutions Inc.
  + Program Commitment: $100,000
  + Partner Commitment(s): $200,246
* Fleet Based Municipal Incident and Information Reporting (ROVER SmartFleets)
  + Program: Autonomous Vehicle Innovation Network - Stream 2/WinterTech
  + Partners: Visual Defence Inc.; The Regional Municipality of Durham
  + Program Commitment: $987,597
  + Partner Commitment(s): $2,208,951
* AI-enabled data collection system
  + Program: Autonomous Vehicle Innovation Network - AV R&D Partnership Fund - Stream 1
  + Partners: IRIS R&D Group Inc.; City of Hamilton
  + Program Commitment: $99,000
  + Partner Commitment(s): $201,225
* Pavement Winter Surface Condition Camera
  + Program: Autonomous Vehicle Innovation Network - AV R&D Partnership Fund - Stream 1
  + Partners: JCAI Inc.; Loomex Property Management Ltd.; Team Eagle Ltd.
  + Program Commitment: $75,907
  + Partner Commitment(s): $172,206
* Winter On-Demand Community Transit Network
  + Program: Autonomous Vehicle Innovation Network - Stream 2/WinterTech
  + Partners: RideShark Corporation; County of Renfrew
  + Program Commitment: $500,000
  + Partner Commitment(s): $1,094,200
* Smart cameras, smart cities: Real-time embedded system for road safety monitoring and crash prediction through information systems
  + Program: Autonomous Vehicle Innovation Network - Stream 2/WinterTech
  + Partners: Transoft Solutions (ITS) Inc.; Regional Municipality of Durham
  + Program Commitment: $876,000
  + Partner Commitment(s): $1,798,350
* Detecting Objects to Enable Safer Snow Plowing
  + Program: Autonomous Vehicle Innovation Network - Stream 2/WinterTech
  + Partners: City of Ottawa; Four DRobotics Corp
  + Program Commitment: $486,463
  + Partner Commitment(s): $972,925
* Threat Hunting and 360 SOC visibility on Autonomous Vehicles and Interconnected Systems
  + Program: Autonomous Vehicle Innovation Network - AV R&D Partnership Fund - Stream 1
  + Partners: CybernetIQ Inc; Deloitte
  + Program Commitment: $97,750
  + Partner Commitment(s): $195,500