

# JAMES PYO

## TRANSPORTATION PLANNING PROFESSIONAL

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### SUMMARY

Self-disciplined, interpersonal, and empathy-driven Transportation Planning | | Comprehensive experience applying a wide range of research methodologies and practices including survey design, data analysis and visualization. Strong analytical, communication and organizational skills with a keen ability to easily master new systems; Considerable experience collecting, analyzing and interpreting large volumes of data, and providing oral and written summaries of research findings. Clearly communicating complex ideas to diverse technical and nontechnical audiences by consistently ensuring clear, accurate, and accessible information for all. Consistently recommending and coordinating the implementation of new processes and activities that enhance overall effectiveness. Demonstrated ability balancing multiple priorities within strict deadlines while maintaining the highest level of integrity and professionalism. A lifelong learner with a growth mindset who thrives on learning new tools, skills, and information.

Research Analyst | Data Analytics | Transportation Planning | Report Writing | Project Management  
Strong Technical Aptitude | Superior Customer Service | Quality Performance | Stakeholder Consultation  
Self-disciplined | Collaborative | Time and Task Management | Written and Oral Communication | Presentation

### PROFESSIONAL EXPERIENCE

#### Ontario Ministry of Transportation, Toronto, ON

03/2016 – 03/2020

##### PLANNER

- Nominated for a PRISM award for assisting with research, project management and stakeholder engagement on complex transportation planning projects and policy development.
- Liaised with partner agencies and ministries to advocate for MTO interests in provincial planning policies.
- Prepared high quality information notes, staff reports and correspondences.
- Coordinated the review of project deliverables with partner offices and agencies.
- Represented the Provincial Planning Office on shared mobility working group.
- Assisted with public open house consultations for the Coordinated Review of provincial land use plans as a subject area specialist in transportation.
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#### Region of Peel, Brampton, ON

01/2013 – 03/2016

##### TRANSPORTATION DEMAND MANAGEMENT ANALYST

03/2014 – 03/2016

- Developed progressive strategies to reduce single-occupant vehicle trips.
- Assisted with a TDM campaign which reduced vehicle kilometres travelled by 7%.
- Conducted statistical analysis to extract key metrics and formulated summaries for management.
- Promoted sustainable transportation choices and off-site work arrangements (telework).
- Assisted with the scoping and oversight of a multi-stakeholder project to integrate sustainable transportation measures in land use planning processes.
- Reviewed and commented on internal and external planning policies and guidelines in collaboration with colleagues from other divisions.
- Provided work direction, assignments, and feedback to co-op students.

#### TRANSPORTATION PLANNING ANALYST

01/2013 – 03/2014

- Initiated a bicycle parking pilot project to encourage cycling among elementary and secondary school students.

- Completed jurisdictional scan on to advise the design of bicycle parking facilities.
- Evaluated a stakeholder engagement workshop based on participant feedback.
- Assisted with Walk and Roll Peel public outreach activities to promote walking and cycling.
- Assessed Smart Commute programs based on survey data analysis.
- Explored opportunities to include multi-use paths and sidewalks in capital projects on Regional corridors.
- Consistently responded to cordon count data requests from transportation consultants in an efficient manner.

## Township of Georgian Bay, Georgian Bay, ON

05/2012 – 08/2012

### STUDENT PLANNER

- Delivered a land use planning training session to a newly-appointed Committee of Adjustment.
- Conducted land use analysis of Mactier settlement area as part of the Official Plan Review.
- Assisted the Senior Planner with preparation for Committee of Adjustment meetings.
- Responded to inquiries from the public regarding various municipal matters.

## COMMUNITY INVOLVEMENT

### Life After Stroke, Toronto, ON

11/2020 – Present

#### TREASURER AND BOARD MEMBER | 100% REMOTE

- Planned and managed inaugural virtual fundraising campaign which raised over \$6,000.

### TTC Advisory Committee on Accessible Transit, Toronto, ON

01/2019– Present

#### COMMITTEE MEMBER

- Serving on Service Planning and Wheel-Trans Operations subcommittees; advising on policies and operations to help make the TTC more inclusive and accessible.
- Advocating for the TTC's accessibility interests regarding the City's policy directions.

## TECHNOLOGIES

**Data Analysis:** Microsoft (Excel, Access), Google Sheets, Numbers, SPSS

**Programming:** VBA, Python, SQL, R

**Mapping:** ArcGIS Pro (ArcMap, ArcCatalog), Google (Earth, Maps, Fusion)

**Virtual Collaboration:** Zoom, Skype, Zoom, Microsoft (Teams, OneDrive), G Suite (Meets, Drive), WebEx, Dropbox, GoToMeetings, Adobe Cloud, WordPress, Google Drive (Docs, Sheets, Slides, Forms)

**Graphics:** Adobe Photoshop, Illustrator

**Document Management:** Microsoft Office (Word, Excel, PowerPoint, Access), SharePoint

*Skillfully learning new technologies quickly and independently*

## EDUCATION

**Master of Environmental Studies (MES) | Planning, York University**

**Bachelor of Environmental Studies (BES) | Geography, University of Waterloo**

**Bachelor of Mathematics (BMath) | General Mathematics, University of Waterloo**

## PROFESSIONAL MEMBERSHIPS

**Ontario Professional Planners Institute (OPPI), Association of Pedestrian and Bicycle Professionals (APBP)**