

Adham Kalila

adhamkalila@gmail.com

EDUCATION

Master of Science in Urban Planning Massachusetts Institute of Technology (MIT) USA	GPA: 4.8/5.0 2018 - 2019
Master of Science in Transportation Massachusetts Institute of Technology (MIT) USA	GPA: 4.9/5.0 2016 - 2018
Bachelor of Engineering Civil Engineering McGill University Canada	GPA: 3.81/4.00 2008 - 2012

EXPERIENCE

Product Manager and Owner <i>StreetLight Data (Jacobs)</i>	July 2023 - Present New York, USA
- Implemented product strategy and roadmap for an externally facing traffic safety analytics platform serving 3000+ counties in the US increasing active usage through data-driven prioritization and executive performance insights. - Owned end-to-end delivery of a data-intensive analytics product, translating complex mobility datasets into scalable features via PRDs, user stories, and acceptance criteria, accelerating release velocity by 25%. - Partnered with Engineering to advance an API-first platform approach, enabling reusable analytics services for enterprise customers and internal teams, reducing duplicated development effort by ~20% and improving integration stability. - Led customer and market research across dozens of public-sector organizations, identifying high-value safety use cases and shaping investment proposals that unlocked new product modules and expanded contract value. - Collaborated with globally distributed cross-functional teams (Engineering, UX, Sales, Marketing, Customer Success) to align priorities and deliver roadmap commitments with >95% on-time execution.	
Senior Custom Projects Engineer <i>StreetLight Data</i>	February 2022 – June 2023 New York, USA
- Analyzed and visualized large data sets using Python, SQL, and Excel for reports to clients and large audiences - Implemented and communicated new processes for Quality Assurance for worldwide teams - Managed multiple projects with clients in the US and Canada to ensure timely and accurate delivery of results	
Learning Services Product Manager <i>StreetLight Data</i>	September 2019 – January 2022 San Francisco, USA
- Designed and delivered accredited training programs in transportation and urban planning, combining technical content with engaging learning experiences for professional audiences. - Developed and executed onboarding strategies that drove a 40% increase in monthly active users, enhancing product engagement and client retention. - Collaborated with cross-functional teams to tailor educational tools with our transportation data products for client deliveries, contributing to product enhancements and user adoption.	
Co-Founder and Researcher <i>Transport for Cairo</i>	February 2016 – August 2019 Cairo, Egypt
- Strategized and documented methods and technology used for the collection of formal and informal transit data - Calculated accessibility of travelers using transit data, cars, and micromobility using Python and QGIS to communicate with stakeholders - Analyzed the impact of new transit projects by fusing crowd-sourced data, Google Maps API travel time, and census data	
Graduate Research Assistant <i>MIT</i>	September 2016 – June 2018 Cambridge, USA

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- Cleaned and conducted data analysis of call records, traffic data, fuel consumption in GIS, Python, and MATLAB
- Estimated Travel demand modeling from Call Detail Records using new methods that leverage Big Data over surveys
- Simulated the effects of policies on fuel consumption and driver behavior in an agent-based model

AWARDS AND DISTINCTIONS

- 1st place in Canadian Geotechnical Society Undergraduate award for team's Senior Design Project
- Charles H. Ivey Foundation Scholarship for outstanding academic standing at McGill University
- Engineering Award – Faculty of Engineering McGill University for outstanding academic standing
- Dean's Honor List in the McGill Faculty of Engineering for achieving grades in the top 10%

LEADERSHIP, SKILLS AND SOFTWARE

- PMC Level II Certification from Pragmatic Institute (Product Management, Product Marketing)
- Microsoft Office, Python, SQL, MATLAB, AutoCAD, ArcGIS, QGIS, StreetLight InSight®, Atlassian
- Adobe Photoshop, Programming in HTML, CSS, R
- President of LGBT Grad @ MIT and Vice President of the Transportation Club at MIT

PUBLICATIONS

Kalila A., Mahfouz, H., Kelleny B., and Melegy, A. (2023) All Possible Commutes: How micromobility and realistic car travel times impact accessibility analysis. New Urban Mobility Alliance. Access [here](#)

Kalila A., Mahfouz, H., and Hegazy, M. (2019) Multimodal network planning, identification of high-capacity bus corridor and park and ride facilities, submitted to the World Bank. Access [here](#)

Kalila, A., Awwad, Z., Di Clemente, R., Gonzalez, M. (2018) *Big Data Fusion to Estimate Urban Fuel Consumption: A Case Study of Riyadh*, Transportation Research Record (TRR) Volume 2672 Issue 24, December 2018. Access [here](#)

LANGUAGES

- English (Native)
- Arabic (Native)
- French (Excellent)