Seolha Lee

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EDUCATION

Aug 2021 **Georgia Institute of Technology**
Master of City and Regional Planning, Specialization - Urban Design | GPA 4.0/4.0

2014-2019 **Seoul National University**
B.S. in Civil & Environmental Engineering, Minor in Geography | GPA 4.04/4.3

RESEARCH INTEREST

Urban information landscape, Human experience in Built environments, Design and Impact of Urban technology platforms; Data science for social justice and equity in space; Social interactions in cities, Civic media, Collaborative and collective city making; Critical studies, Feminist studies

PUBLICATION

2020 **Characteristics of Individuals with Global, Local or Glocal Connectivity Patterns**
Liang, X., Lee, S., Andris, C., Chen, H., and De La Pena, B. (Abstract submitted)

2019 **Inferring the character of urban commercial areas from age-biased online search results: how place recommendation data can reveal dynamic Seoul neighborhoods**
Lee, D., Lee, S. In Adjunct Proceedings of the 2019 ACM International Joint Conference on Pervasive and Ubiquitous Computing and Proceedings of the 2019 ACM International Symposium on Wearable Computers (UbiComp/ISWC '19 Adjunct)

RESEARCH EXPERIENCE

Aug 2019 - **Graduate Research Assistant**
Friendly Cities Lab, Georgia Institute of Technology   Atlanta, GA

- Designed and developed an interactive web map 'COVID-19 Event Risk Planner'
- Characterized individuals with their social interaction behaviors using machine learning techniques
- Analyzed survey data on spatial demands and usage of romantic partners in State College, PA

May - Aug 2018 **Researcher, Department of Civil & Environmental Engineering.**
Maturepolis Lab, KAIST   Daejeon, Korea

- Mined data from an online location-intelligent service to analyze the consumer-age-specific patterns of restaurant preferences and consumptions in commercial districts in Seoul, Korea

Jan - Apr 2018 **Project Intern**
City Region Studies Centre, University of Alberta   Edmonton, Canada

- Project title: Smartphone App on the Quality of Pedestrian Experience in Cities
- Developed and tested a mobile tracking app to study walking behavior in neighborhoods

WORK EXPERIENCE

May - Aug 2020   **Intern in Reseach & Analytics / Transportation & Mobility Services**
Atlanta Regional Commission   Atlanta, US

- Online data management and processing for public data provision
- Developed tools to automate data processing on ArcGIS
- Spatial analysis for equitable commuting in the COVID-19 pandemic

2016 - 2018   **Urban Planner & Design Researcher**
YANGJI.CO. Seoul, Korea

- Designed interactive tools (3D model, mobile app) for citizen engagement and collecvted neighborhood data in close interaction with local residents
- Shaped a framework for Seoul Rooftop Commons and created a database of rooftops using GIS
- Organized an international participatory workshop to revitalize a neighborhood with sustainable tourism strategies

LEADERSHIP / VOLUNTEER

2019   **Student Planning Association - Social Committe** Atlanta, GA

- Organized and managed social events for the students in the city and regional planning program at Georgia Tech

2019   **Asian Hub** Seoul, Korea

- Volunteered in providing education and job training to empower female marriage-immigrants

SKILLS

Data Collection	**Data Science / Visualization**	**Mapping / Spatial Analysis**
Online Data Mining	Python	ArcGIS
Survey / Interview	R	QGIS
Mobile App Data	HTML	Mapbox
Participatory Activity	Tableau	

Design	**Urban Planning**
Adobe Studio	Master Planning
(Indesign, Illustrator)	Community Development Strategy
	Citizen Engagement