

Aparimit Kasliwal

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EDUCATION

May, 2024 - Present	PhD (Systems Engineering) UC Berkeley, CA <i>Research Focus:</i> Urban Mobility, Modeling & Optimization, Network Science <i>Data Science & AI Fellow</i>	(Major GPA: 4.0/4.0) (2026-27)
Aug, 2023 - May, 2024	MS (Systems Engineering) UC Berkeley, CA <i>Graduate Certificate in Applied Data Science</i>	(GPA: 3.87/4.0) (GPA: 4.0/4.0)
Jul, 2019 - May, 2023	BTech (Civil Engineering) IIT Delhi, India <i>Abhinav Dhupar Memorial Award</i>	(GPA: 8.14/10.0)

SELECTED PUBLICATIONS

- Aparimit Kasliwal**, C. Guirado, and M. C. Gonzalez (2026). “Social media-based measures of social capital attenuate economic disparities in extreme weather evacuations and recovery”. In: *NetMob 2026*. URL: <https://netmob.org/www26/>.
- Aparimit Kasliwal**, A. Alhadlaq, A. Salgado, A. R. Ganguly, and M. C. Gonzalez (Dec. 2025). “Hierarchical Analysis of Spreading Dynamics in Complex Systems”. In: *Computer-Aided Civil and Infrastructure Engineering* 40, pp. 6223–6241. URL: <https://doi.org/10.1111/mice.70165>.
- Ozturk, A. T., **Aparimit Kasliwal**, H. Fitzmaurice, O. Kavvada, P. Calvez, R. C. Cohen, and M. C. Gonzalez (July 2025). “A Mesoscopic Model of Vehicular Emissions Informed by Direct Measurements and Mobility Science”. In: *Sustainable Cities & Society* 129, p. 106421. URL: <https://doi.org/10.1016/j.scs.2025.106421>.
- S. Cao, **Aparimit Kasliwal**, M. Reihanifar, F. Robuste, and M. Hansen (2024). “Effective Management of Airport Security Queues with Passenger Reassignment”. In: *IWAC2024 International Workshop on ATM/CNS Conference*. URL: https://doi.org/10.57358/iwac.2.0_141.

SKILLS

Programming: Python, Scientific & Statistical Computing, Git, Bash, MATLAB, NetworkX, R
Technical: Code Parallelization, Geospatial Data, Map Matching, Uber H3, Trajectory Generation

ACADEMIC SERVICE

- Reviewer, **Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)**, **KDD 2026 AI4Sciences Track**, **KDD 2027 AI4Sciences Track**
- Organizer, **early-career Mobility & Energy Researchers’ Group Exchange (eMERGE) Seminar**, 2026-27

GRADUATE COURSEWORK

CS 267: Applications of Parallel Computers	CE 290: Games & Intelligent Agents in Transportation Systems
EECS 227AT: Optimization Models	STAT 243: Statistical Computing
CS 294-179: Networks & Spread of (Mis)Information	CE 263H: Human Mobility & Network Science