

Selected Projects	Predictive ML model for residential energy consumption Harvard University School of Engineering and Applied Sciences Used big data to build a machine-learning model that predicts building energy consumption using Python and SKLearn. Conducted exploratory data analysis, dimensionality reduction, and model selection using ensemble learning and cross-validation.	01/2023 - 06/2023
	Interactive Web Map West Africa Migration Risk MIT Civic Design Data Lab Client: United Nations (UN) Executed spatial analysis and visualization in QGIS and Python to build an interactive web visualization of migration risks in West Africa to support decision-makers for the United Nations World Food Programme (UNWFP)	2022 - 2023
	Walkability Urban Network Analysis MIT Department of Urban Studies and Planning Used Urban Network Analysis tool in ArcGIS and Rhino 3D to model, predict, and visualize pedestrian activity based on sidewalk network, amenity, business, and residential spatial data.	2022

Work Experience	UX Researcher Oracle Austin, TX · Led several UX research projects end-to-end—including research that informed the redesign of the AI-enabled purchase flow of our product that increased conversion rates by 10 percent. · Developed the quantitative data analysis approach for feature usage for my product team—guiding them to identify key user segments and feature improvements to drive adoption.	06/2024 - 09/2026
	Data Analyst MIT Civic Data Design Lab Cambridge, MA Led data analysis and visualization using GIS and Python on a team of MIT analysts, programmers, and designers to build a web-based interactive data visualization on migration risks in West Africa for the United Nations (UN) to support policy decision-makers	06/2022 - 06/2023
	Research Manager Material Los Angeles, CA · Managed market research in a fast-paced consulting environment—executing multi-market data collection and analysis for high-profile clients like Google, Dropbox, and Pepsico · Extracted insights from large survey data that drove product development—like the effect of YouTube on fashion and beauty customer journeys, and impacts of COVID on online food purchasing	09/2019 - 09/2021
	Senior Research Analyst UnitedHealth Group Minneapolis, MN · Led research on a 3-person team that set the direction for a core operational area of the world's 2nd largest healthcare company—developing a data-driven system that optimizes treatment decisions · Synthesized scientific research and competitive analysis into a strategic roadmap for C-Suite executives to guide company-wide innovation and value creation	03/2018 - 08/2019

Education & Skills	Massachusetts Institute of Technology (MIT) Cambridge, MA Master in City Planning 2021-2023	Data Analysis GIS (QGIS & ArcGIS) Python Survey design (Qualtrics) SQL Data Visualization R	Design CSS/HTML Wireframing (Figma) 3D Design (Blender) Adobe Creative Suite Mapbox GL
	Georgia Institute of Technology Atlanta, GA M.S, Analytics 2026-Present		