LENNA JOHNSEN
MCP, LEED Green Associate

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www.lennajohnsen.com

EDUCATION

MASTERS OF CITY PLANNING
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

+ Thesis: *Making change legible: public notices and the visual communication of planning in the U.S.*

BACHELORS OF DESIGN IN ARCHITECTURE
UNIVERSITY OF MINNESOTA

+ Minor in Swedish, *magna cum laude*
+ Thesis: *Humanizing concrete: the redevelopment of a Brutalist beauty into a community hub.*

SKILLS

+ Conducting research and analysis, identifying insights, and always trying to ask the right questions.
[QGIS] [ArcGIS] [R] [Python] [Word, Excel] [Google Docs, Sheets] [Miro] [archival research] [stakeholder interviews] [Semi-proficient Swedish, Spanish, and Danish]

+ Presenting engaging + actionable information.
[Keynote] [Google Slides] [Illustrator] [InDesign] [XD] [Photoshop] [Spark AR] [writing incl. proposals and scientific reports] [in-person and virtual speaking]

+ Taking it digital.
[JavaScript: React, Angular] [HTML, CSS] [Github, Gitlab] [Squarespace] [Dropbox] [Notion] [Slack] [Zoom] [Teams] [SparkAR]

EXPERIENCE

MINNESOTA WATER RESOURCES CENTER
GREENCORPS MEMBER
09.2023 - 08.2024 _ MINNEAPOLIS, MN

GreenCorps is an AmeriCorps program coordinated by the Minnesota Pollution Control Agency. I serve at both the WRC and Minnesota Sea Grant programs.

+ Developed strategy, RFP language, and implementation practices for the education, outreach, and training components of a publicly funded urban stormwater research program
+ Re-designing research project webpages and corresponding workflow via a management platform
+ Created educational social media content for the Regional Stormwater Protection Team of northern MN

ERA-co at WOODS BAGOT ARCHITECTS
STRATEGIST
07.2022 - 02.2023 _ NYC

+ Led research into place identity and presented insights to multinational real estate company clients and briefed in creative teams
+ Constructed place narratives, visions, and placemaking strategies for projects ranging from an apartment building to urban districts

SUPERPEDESTRIAN, INC.
PROPOSAL WRITER, STRATEGY AND POLICY
02.2021 - 03.2022 _ NYC

+ Led the writing, strategy, and delivery of responses to municipal RFPs for shared micromobility services
+ Project managed cross-functional teams to meet rapid deadlines and win massive contracts
+ Contributed urban planning skills through analysis and mapping of transportation systems

MIT URBAN RISK LAB
FRONT END DEVELOPER + RESEARCH ASSISTANT
02.2020 - 02.2021 _ CAMBRIDGE, MA

My work linked together the content, UI/UX, and web development teams for the FEMA-funded Housing Pre-Planning Toolkit project, a digital tool that assists localities in planning housing resilience and recovery.

MIT SENSEABLE CITY LAB
RESEARCH FELLOW>SPONSORED RESEARCH
TECHNICAL STAFF>GRAD. RESEARCH ASSISTANT
10.2016 - 06.2020 _ CAMBRIDGE, MA

Contributed principally to the Roboat project, a multi-million dollar research project on autonomous boats.

+ Mapping, analysis, and design research
+ Project documentation through slide decks, scientific reports, and presentations
+ Narrative development for video and web platforms with data visualization team
+ On teaching team for graduate level courses
+ Developed team file management system and project managed annual reporting
+ Managed print production of reports and publication

DIS - STUDY ABOARD IN SCANDINAVIA
ARCHITECTURE+DESIGN PROGRAMS ASSISTANT
06.2015 - 09.2016 _ COPENHAGEN, DENMARK

STUDENT WORKER
09.2014 - 05.2015 _ ST. PAUL, MINNESOTA

AMERICAN SWEDISH INSTITUTE
CONSTRUCTION PLANNING AND INPUT INTERN
05.2013 - 12.2013 _ MINNEAPOLIS, MN

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PUBLICATION

TRANSACTIONS IN URBAN DATA, SCIENCE, AND TECHNOLOGY VOL 01 3.2022
Snoweria Zhang, Fábio Duarte, Xuezhen Guo, LENNA JOHNSEN, Ruben van de Ketterij, and Carlo Ratti.
+ On the feasibility of using canals for waste collection in Amsterdam.

ROUTLEDGE COMPANION TO SMART CITIES _ 04.2020
Fábio Duarte, LENNA JOHNSEN, and Carlo Ratti.
+ Reimagining urban infrastructure through design and experimentation: autonomous boat technology in the canals of Amsterdam.

BUILDING AND ENVIRONMENT VOL 160 _ 08.2019
Zhoutong Wang, Qianhui Liang, Fábio Duarte, Fan Zhang, Louis Charron, LENNA JOHNSEN, Bill Cai, Carlo Ratti.
+ Quantifying legibility of indoor spaces using Deep Convolutional Neural Networks: Case studies in train stations.

LANDSCAPE ARCHITECTURE FRONTIERS 04.2019
LENNA JOHNSEN, Fábio Duarte, and Carlo Ratti.
+ Roboat: a fleet of autonomous boats for Amsterdam.