+1 (262) 729-6324 eblack@gsd.harvard.edu

EDUCATION: HARVARD GRADUATE SCHOOL OF DESIGN, Cambridge, Massachusetts

Master of Science, Urban Planning (Concentration: Urban Analytics) 6/2025

Co-chair, Rural GSD

Recipient, Real Estate Research Grant (Who's to build? Construction in the globalizing rust belt)

THE UNIVERSITY OF CHICAGO, Chicago, Illinois

Bachelor of Arts, Visual Arts (Minor: Architectural Studies)

6/2021

Recipient, CRASSH Scholarship (Research Grant, Ceramics Materials and Processes).

Study Abroad: University of Edinburgh, Edinburgh, Scotland (2019-2020)

TECHNICAL: Adobe Creative Suite, R (programming language), Rhinoceros, Blender, SketchUp, MS Office Suite, G-Suite,

Python, C++, ArcGIS, ArcPy, Arduino prototyping

## **EXPERIENCE:**

### HARVARD GRADUATE SCHOOL OF DESIGN, Cambridge, Massachusetts

### **Research Assistant-Practice Forum**

12/2024 - 6/2025

A cross-disciplinary event led by Professor Elizabeth Christoforetti, examining shifts in architectural practice through discussions with faculty and external experts, culminating in an edited volume.

Assisting with research, conceptual framing, and event logistics, including speaker coordination and agenda setting for the Practice Forum.

## Teaching Assistant-Spatial Analysis, Quantitative Methods, Advanced GIS

9/2024 - 6/2025

Technical TA for Professor Carole Voulgaris (VIS 2128 Spatial Analysis, SES 5215 Quantitative Methods) and Connie Chen (GOV 1009 Advanced GIS)

Assisted graduate students with software related problems in R, Python, ArcGIS, QGIS for spatial analysis and quantitative methods courses. Held weekly office hours and participated in weekly workshop sessions. Developed rubrics and graded student work.

## Research Assistant- Ecological Sovereignty Working Group

6/2024 - 9/2024

Working Group organized by Professor Diane Davis around the relationship between ecology and sovereignty in various global regions. Archival Research for Ecological Governance working group, focused on collecting and annotating public archives relating to de-industrialization in the Midwest, particularly in the Milwaukee area.

### Research Assistant- Values in the Built Environment Lab

10/2023 - 6/2024

Values in the Built Environment Lab research project focused on increasing zoning legibility, operating within the Harvard Graduate School of Design's Laboratory for Design Technologies, led by Professor Carole Voulgaris and Professor Elizabeth Christoforetti. Using "R" coding language to automate analysis and visualization of basic zoning regulations on lots in Minneapolis, Minnesota with a focus on increasing legibility of legal codes.

### MEND COLLABORATIVE, Austin, Texas

An urban planning and landscape architecture firm grounded in restorative strategies for community empowerment.

## Planning Intern

6/2024 - 9/2024

Assisted in all aspects of urban planning and design development, including spatial analysis, conceptual planning, implementation strategies, graphic communication, engagement design, community meeting coordination and literature review.

# STUDIO A ARCHITECTURE, Charleston, South Carolina

Boutique green architecture firm with emphasis on urban planning and civic engagement

## **Project Intern**

5/2023 - 8/2023

Designed diagrams, drawings, CAD files and physical models with emphasis on conceptual communication. Synthesized Lidar data, lot maps, blueprints, historic maps, and zoning information for in depth lot analysis. Researched and participated in various community and non-profit efforts in sustainable development around the Lowcountry.

### FREE-LANCE

## Self Employed

5/2022-5/2023

Independent Contracting at various Art Studios. Independently produced **New Pastoral** art exhibition in Haven, WI. Project owners include DTK ceramics (Chicago, IL), Restoration Division (Chicago, IL), Conrad Schmitt Studio (New Berlin, WI), as well as independent work.

### KOHLER WASTE LAB, Kohler, Wisconsin

Leading global manufacturer of bath, kitchen, and lighting products. Member of a stand-alone sustainability research lab processing, researching and redeveloping production waste and defective materials into new products, including luxury consumer products.

**Laboratory Technician** 10/2021 - 5/2022

Lead new product development experiments, prototype fabrication, testing and production from manufacturing waste material analysis, experimental proposal and testing through data analysis and reporting. Created detailed reports on R&D, testing and production to allow other plants globally to startup waste production across all areas of manufacturing.

## FRANK LLOYD WRIGHT'S TALIESIN PRESERVATION, Spring Green Wisconsin

Eco-farming and culinary arts program focusing on sustainable agriculture, gardening, conservation and community advocacy.

## Member, Food Artisan Immersion Program (Work-Study Program)

6/2021 - 9/2021

Member of a team of six managing Riverview Terrace Café, while participating in regular classes, volunteer events and community outreach initiatives. Assisted in menu development/design (farm-to-table) partnering with Executive Chef. Assisted in social media marketing and community engagement. Experience in all areas of restaurant operations. Interfaced with farmers, conservationists and sustainable agriculture stakeholders. Maintained campus vegetable gardens.

#### ARTIST LAURA LETINSKY, Chicago, Illinois

Designer and fine artist: photography, porcelain and ceramics.

## **Product Development Researcher**

5/2020 to 6/2021

Provided research, 3D modeling, graphic design, mold making and photo editing to support artist in various conceptual designs for art, as well as new product development (dinnerware). Assisted in conceptual design and gained experience in slip casting, 3D printing and plaster mold making. Conducted research on glaze mixing formulas. Analyzed and researched supply chain, market opportunities and manufacturing to produce ceramic dinnerware for retail and ecommerce sales channels; assisted in sourcing materials and contacting manufacturers; analyzed raw material costs and pricing.

### TERRITORY CHICAGO, Chicago, Illinois

NPO partnering with Chicago Public Schools to provide architecture and urban design enrichment programs to high schoolers.

**Design Intern** 6/2019 - 8/2019

Provided design training and mentorship to students ages 14-17 with a focus on urban design and architecture. Guided students in conceptual design and architectural ideation focused on the impacts of urban design on youth experience. Instrumental in planning and operating an art show of student art at the Museum of Contemporary Art Chicago.