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# HERMONA TAMRAT, P.E. (SHE/HER)

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## WORK EXPERIENCE

### HGT STUDIO ENGINEERING

*Founding Principal*, October 2023 - present - provide structural engineering analysis, design, and consultation services

#### Feature projects

*Whitney Biennial 2024 Exhibition (Torkwase Dyson)*, New York, NY. Structural engineering of large scale outdoor sculpture

### COLUMBIA GRADUATE SCHOOL OF ARCHITECTURE, PLANNING AND PRESERVATION

*Adjunct Assistant Professor*, Designing Public Spaces: the Architecture of Exposed Structures, January 2025

### YALE SCHOOL OF ARCHITECTURE

*Instructor*, Systems Integration, January 2022 - present

### CROSSLEY ACOUSTICS

*Design Project Manager*, May 2022 - June 2023

### SILMAN, STRUCTURAL ENGINEERS

*Senior Engineer*, July 2019 - May 2022

*Project Engineer*, January 2017 - July 2019

*Engineer*, July 2014 - December 2016

#### Feature projects

[\*Powerhouse Workshop\*](#), Brooklyn, NY, 2016 - 2022. Team lead, senior engineer and assistant project manager

Adaptive reuse and renovation of historic power plant into multi-purpose maker space and community hub

[\*Chronicles of New York at Domino Park, JR\*](#), Brooklyn, NY, 2020. Team lead, senior engineer and project manager

Public installation comprised of recycled shipping containers brought forth in a 2 month design-build effort

[\*Boulevard of African Monarchs, Kenseth Armstead\*](#), Harlem, NY, 2020. Team lead, senior engineer and project manager

Public sculpture comprised of perforated aluminum plates

#### Leadership

[\*Building Equity Initiative\*](#), Co-Founder, January 2020 - May 2022

Pro bono initiative to support public programs, creating spaces that strengthen communities and contribute to social equity

[\*Coalition for Justice in Design\*](#), Co-Founder, July 2020 - May 2022

Colleagues dedicated to making anti-racism and social justice a core tenet, and the guiding principle for the firm

## EDUCATION

### UNIVERSITY OF CALIFORNIA, BERKELEY

M.S. in Structural Engineering, 2014

### CARNEGIE MELLON UNIVERSITY

B.S. in Civil Engineering, Minor in Hispanic Studies, 2013

### BERKLEE COLLEGE OF MUSIC - EXTENSION

Professional Certificate in Music Supervision, 2021

## SKILLS

### TECHNICAL

Bluebeam, Autocad, Revit, SAP2000, RISA 3-D, ETABS, RAM, Microsoft Suite, Google Suite, Asana

### LANGUAGES

English (native tongue), Spanish (fluent, written and oral), Amharic (conversational), French (beginner)