

# SIMMONE STEARN.

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**EDUCATION**

**Massachusetts Institute of Technology**  
**Masters of Architecture**

-2022-2026  
-Graduate Fellow

**University of California Berkeley**  
**B.S. Civil Engineering**

-2019-2022  
-Regents' and Chancellor's Scholar

**EMPLOYMENT**

**Research Assistant**  
**MIT UrbanRisk Lab | Cambridge, MA**  
**SEP 2023 - JAN 2025**

-Work on implementing and ideating the MIT Civilian Climate Corps Initiative  
-Work with Powercorps Boston

**Architecture Intern**  
**Oualalou + Choi | Paris, FR**  
**JUN-JUL 2024**

-Parametric design for the Casablanca World Cup Stadium of 2030

**Architecture Intern**  
**Gensler | Oakland+San Francisco, CA**  
**JUN-AUG 2023**

-Assistace in construction administration process  
-Ideation and modeling for design competitions

**Design Editor**  
**The Daily Californian, official UC Berkeley newspaper | Berkeley, CA**  
**AUG 2019 -JUN 2022**

-Create vision of paper, oversee visuals and graphic design  
-Lead team and interdepartmental collaborations on design content

**Civil Engineering Intern**  
**Latitude 33 | San Diego, CA**  
**JUN-JUL 2020**

-Draw detailed site plans  
-Firm liaison with city planning office  
-Projects contributed to | San Diego International Airport terminal reconstruction

**Structural Engineering Intern**  
**Patel & Burica Assoc. | Irvine, CA**  
**JUN-JUL 2019**

-Complete gravity load analysis calculations  
-Draft structural details  
-Assist Project Engineer with job-site observation

**Structural Engineering Intern**  
**UCSD Jacobs School of Engineering | La Jolla, CA**  
**2017-2018**

-Complete test runs of undergraduate engineering projects  
-Provide laboratory assistance to UCSD engineering professors

**LEADERSHIP  
EXTRACURRICULAR  
VOLUNTEER WORK**

**Society for Industrial Archaeology**  
**Conference Speaker**  
**MAY 2025**

-Present talk on the architecture of gold dredging machines

**MIT NOMAS EXEC**  
**SEP 2023 onwards**

-Organize MIT NOMAS Spring 2024 lecture

**Labs for middle schools in the Berkeley Unified School District**  
**JAN 2021 - JUN 2022**

-Teach STEM to middle school students  
-Design and facilitate lab projects

**Mixed at Berkeley**  
**JAN 2020 - JUN 2022**

-Collaborate with multicultural students to create diversity initiatives  
-Facilitate cross-cultural connections for the UC Berkeley community

**Berkeley Art Museum and Pacific Film Archive Student Council**  
**Media and marketing**  
**AUG 2019 - JUN 2022**

-Aid in the creation of BAMPFA advertisement and outreach through design

**UC Berkeley Regents' and Chancellor's Scholars Association**  
**Media and Marketing**  
**AUG 2019 - JUN 2022**

-Create publicity and marketing materials  
-Aid with promotional analysis and optimization

**UC Berkeley American Society of Civil Engineers Intern**  
**Aug 2019 -JUN 2022**

-Organize workshops, and career fairs  
-Provide financial data analysis for UC Berkeley Civil Engineering competition teams

**AWARDS**

**Society for Industrial Archaeology Student Scholarship**

-Awarded by the SIA for exhibiting leadership in the field of Industrial Archaeology

**Majorie Pierce / Dean William Emerson Fellowship Award**

-Massachusetts Institute of Technology

**Graduate Fellow**

-Massachusetts Institute of Technology

**Regents' and Chancellor's Scholar**

-Awarded by UC Berkeley for academic and leadership excellence

**SkyDeck Berkeley Fellowship**  
**NOV 2019**

-Fellowship to develop a startup at Sky Deck startup launcher awarded for entrepreneurial excellence

**SKILLS  
CERTIFICATIONS**

**UC Berkeley Design Certificate**

**Architectural design software**  
-Rhinoceros | Grasshopper | Sketchup | AutoCAD

**Engineering software**  
-GIS | Bluebeam | Autodesk Civil 3D

**Adobe Suite + Graphic design**  
-InDesign | Illustrator | Photoshop | Lightroom | XD

**Programming languages**  
-MATLAB | Python

**ORGANIZATIONS**

**MIT NOMAS**

**MIT Filipino Students Association (MITFSA)**

**American Society of Civil Engineers (ASCE)**