

Jacob Swanson

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See [LinkedIn](#) for full CV

Education

Bachelor of Architecture

2025

Summa Cum Laude; Environmental Studies and Sustainability minor; Albert Dorman Honors Scholar
Hillier College of Architecture and Design, New Jersey Institute of Technology; Newark, NJ.

Work Experience

Research Assistant, *Edward Elgar Handbook on Sustainable Lifestyles* (2025)

May 2023 – July 2025

- Aided file management and correspondence for 43-chapter book with 110+ international contributors.
- Copy edited chapters to professional academic English standards for publication.

Intro. to Sustainability Studies Grader, *NJIT*

Fall 2022 + 2024

- Answered student questions about course content, structure, requirements, and expectations.
- Drafted and graded weekly quizzes, midterm exams, and final exams.

Extra-Curricular Activities

Transect Student Publication; Newark, NJ

Fall 2020 – Spring 2025

Editor-in-Chief (2023 – 2025)

- Managed year-long outreach, work selection, production, and editing process for [Transect Volumes 5](#) and 6 with 40+ total faculty and student contributors from the School of Architecture.
- Collaborated on the production of the newspaper *iteration*, gaining financial support from the College.
- Increased engagement with student body by changing publication procedures and structure.
- Hosted and moderated roundtable discussions and lectures with visiting professionals and academics.

Am. Soc. of Heating, Refrigerating, and Air-Conditioning Engineers-NJIT; Newark, NJ

Spring 2023 – Spring 2025

- Team manager for winning entry to 2025 Net Zero Energy Design Competition, complying with LEED equivalent.
- Attended 2023 and 2024 Winter Conferences with funding from ASHRAE's New Jersey Chapter.

American Institute of Architecture Students (AIAS)-NJIT; Newark, NJ

Fall 2021 – Spring 2025

3D Lab Volunteer Manager (2022 – 2025)

- Managed semesterly volunteer schedule and training.
- Aided technical managers in fixing 3D printers (Ultimaker 2+/Crealty CR10) and printing (Cura).
- Planned semesterly Volunteer Dinner with other AIAS Services.

Skills

Software: Rhinoceros 3D, Adobe Suite, Enscape, Cura, Revit, AutoCAD, Microsoft Office, Google G Suite.

Time management, project management, communication, teamwork, leadership, critical thinking, research.

Awards

First Place, ASHRAE Setty Family Foundation Net Zero Design Competition

August 2025

Advanced Design Studio Award, New Jersey School of Architecture

Spring 2025

Provost Summer Research Fellowship, NJIT

Summer 2021