

<b>Nicky Rhodes</b>	nrhodes@gsd.harvard.edu	nicky-rhodes.com
Education	<b>Harvard University Graduate School of Design</b> Master of Architecture Candidate.	Cambridge MA, 2022–2026
	<b>Haverford College</b> B.A., Growth & Structure of Cities, Cum Laude. Semester abroad in Copenhagen, Denmark.	Haverford PA, 2015–2019
Professional Experience	<b>Paul Lukez Architecture</b> , Design Intern Primary designer on solar-passive Hudson Valley home. Used Revit for design development and documentation. Led weekly client meetings, used Enscape and Adobe Suite to make presentation graphics. Developed firm-wide workflow for early-stage energy and daylight modeling using ClimateStudio.	Somerville MA, 2023
	<b>Harvard GSD Fabrication Lab</b> , Woodshop Technical Assistant Managing woodshop machines, lab safety, & student use.	Cambridge MA, 2022–Ongoing
	<b>Martin Rosenblum Architects</b> , Freelance Architectural Designer Assisting design/documentation of renovations to historic homes.	Philadelphia PA, 2021–Ongoing
	<b>AOS Architects</b> , Designer (2021-22), Marketing Director (2019–21) Aided design of academic and cultural projects using Revit. Co-wrote Sustainability Action Plan, managed competitive proposal process increasing project acquisition success rate 150%.	Philadelphia PA, 2019–2022
	<b>Onion Flats Architecture</b> , Architectural Intern Created studies for low-energy Passive House multi-family projects.	Philadelphia PA, 2019
Research Experience	<b>Dr. Jonathan Grinham</b> , Research Assistant Researching obstacles to Life Cycle Assessment tools in Latin America for project supported by World Bank. Assisted fabrication of membrane vacuum-driven dehumidification wall prototype for low energy cooling. Developing experimental facade system with waste wool.	Cambridge MA, 2023–Ongoing
	<b>coBio</b> , MIT DesignX Fellow Developing open-source, carbon-sequestering DIY building system.	Cambridge MA, 2024–Ongoing
	<b>Northeast Bio-Based Materials Collective</b> , Working Group Member	Boston MA, 2024–Ongoing
	<b>Harvard Salata Institute for Climate &amp; Sustainability</b> , Researcher Organized independent research trip to study the integration of bio-based materials within participatory frameworks for low-cost housing.	Mexico City MX, 2024
	<b>Dr. Holly Samuelson</b> , Teaching Assistant Led building energy modeling workshops for Harvard Executive Education students and Master of Architecture students.	Cambridge MA, 2023
	<b>Prof. Jenny French</b> , Research Assistant Produced architectural models and drawings investigating overlaps between garments and wall assembly layers to reimagine thermal comfort; graphics published in <i>Domus</i> .	Cambridge MA, 2022
	<b>Lehigh Valley Natural Builders Guild</b> , President Led educational workshops on low-carbon building techniques. Organized monthly meetings, coordinated communications.	Lehigh Valley PA, 2020–2022
	<b>Open House</b> , Co-Founder & Innovation Fellow Created open-source, low-waste, collaborative building system.	Philadelphia PA, 2019–2020
	<b>Earthship Biotecture</b> , Construction Apprentice Helped build off-grid, solar-passive houses using recycled materials.	Taos NM, 2019

Honors	<b>Thayer Fund Merit Grant</b> , Harvard University	2024
	<b>MIT DesignX Incubator Fellow</b> , MIT DesignX	2023
	<b>Research Travel Grant</b> , Harvard Center for Green Buildings & Cities	2023
	<b>Salata Institute Travel Grant</b> , Harvard University Salata Institute	2023
	<b>Course Distinctions</b> , Materials, History/Theory (x2), Harvard GSD	2023
	<b>Real Estate Development Grant</b> , Harvard GSD	2022
	<b>Highest Performing Student</b> , Environmental Systems, Harvard GSD	2022
	<b>J-Term Course Leader Funding</b> , Harvard GSD	2022
	<b>Trumbauer Award</b> , Institute for Classical Architecture & Art	2020
	<b>Community Favorite</b> , Philadelphia Community Design Collaborative	2020
	<b>Peoples' Choice</b> , Philadelphia Community Design Collaborative	2019
	<b>Graduation with Distinction</b> , Haverford College	2019
	<b>Innovation Incubator Fellowship</b> , Haverford College	2019
	<b>Bolton Award for Best Thesis</b> , Nomination, Haverford College	2019
	<b>Greening Haverford Grant</b> , Committee for the Environment	2019
	<b>Best New Media Award</b> , Tri-College Film Festival	2018
	<b>Center for Peace &amp; Global Citizenship Fellow</b> , Haverford College	2018
<b>Hurford Center for Humanities Fellowship</b> , Haverford College	2018	
<b>William K. Hartzell Merit Scholarship</b> , Haverford College	2018	

Publications, Exhibitions, & Invited Talks	<b>"Outbuilding"</b> , Harvard GSD Real Estate Department Forthcoming publication on collaborative research exploring repurposing Boston-area residential garages for creative production.	2023–Ongoing
	<b>"New Comforts Await"</b> , <i>Domus Magazine</i> (Issue 1084) Research, drawings, and model included in article by Jenny French.	2023
	<b>"Material Trace"</b> , Exhibition participant at Harvard GSD on furniture design exploring carbon flows through materials.	2023
	<b>"How to Build Your Own Compost Toilet"</b> , <i>Sierra</i> (online) Drawings of co-designed plans for low-cost compost toilet made of reused materials published in the Sierra Club's magazine.	2023
	<b>"The Case for Waste: How We Respond When Nature Calls"</b> , <i>Last Straw Journal</i> (Issue 74), Co-authored article on open-source compost toilet design.	2023
	<b>"Hands-On Timber Framing Workshops"</b> , <i>AIA Phila. Context Mag.</i> (Winter '23), Co-authored article on Natural Builders Guild's activities.	2023
	<b>"Digitally Fabric-ating Architectural Textiles"</b> , Course Co-Leader Harvard J-Term class exploring digital manipulation and rendering tool for soft body geometry for architectural purposes.	2022
	<b>"What is Green Building?"</b> , Penn Charter School Invited talk on fundamentals of low-carbon building strategies.	2021
	<b>"Principles for Earthen Buildings"</b> , Haverford College Invited talk showcasing experience with alternative construction.	2021
	<b>"Resilient Design &amp; Planning"</b> , <i>Green Fire Times</i> (Summer '20) Co-authored article on sustainable design strategies for dry climates.	2021
<b>"Open House: An Experiment in Accessible Space-Making"</b> , Cambridge Innovation Center in Philadelphia. Invited talk and accompanying exhibit on open-source building systems.	2020	

## Skills &amp; Tools

**Digital Design**

Revit, Rhino, SketchUp, AutoCAD, Photoshop, InDesign, Illustrator, MasterCAM, Vray, Enscape

**Energy Modeling & LCA**

ClimateStudio, DesignBuilder, Ladybug, FloVent, Tally, OneClick

**Programming & UI/UX**

Figma, HTML, Javascript, CSS, Python, C++, Unity, AR/VR