

# Alexia Asgari

Creative Technologist

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## Education

Harvard University • Graduate School of Design • Anticipated Graduation 05/2024  
Master of Design Studies in Technology

Cornell University • 05/2022

Bachelor of Architecture • Perceptual Cognition Minor

## Experience

Research Lab Manager • Jenny Sabin Design Lab • 02/2019 – 05/2022

- Independently studying Nonpredictive Design Capabilities for SLA 3D Printing, running over 75 parameter trials on the Autodesk Ember Printer
- Developing a clay 3D printing extruder as part of the RoboSense 3.0 Team and researching clay composition to develop material recipes
- Repairing and maintaining robotic equipment and implementing organizational, safety, and design protocols
- Coordinating weekly workshops and providing instruction on topics such as material properties, ceramic extrusion, and toolpathing
- Leading tours for faculty and students

Technological Assistant • Association for Computer Aided Design in Architecture • 11/2021

- Managing virtual conference technological tasks such as layout, audio, video, and Q&A

Architectural Intern • AECOM • 06/2021 – 08/2021

- Creating PowerPoint and InDesign Presentation templates consistent with company branding guidelines
- Developing Grasshopper and Dynamo scripts to calculate LEED quality views credits
- Designing accessible landscaping for Henry Ford Memorial Hospital
- Detailing sections and elevations
- Verifying millwork shop drawings

Photography Assistant • Dariusz Terepka Photography • 07/2020 – 08/2020

- Photographing over 20 portraits and events and edited over 350 photos

Engineering Assistant • Turner Construction Company • 06/2019 – 08/2019

- Tracking daily install statuses of windows, partitions, and fixtures using Excel and graphic presentation methods
- Annotating over 120 architectural drawings to reflect RFIs and submittal updates
- Coordinating daily paperwork with contractors and recording biweekly Architect, Owner, and Contractor Meetings

Learning Department Intern • Turner Construction Company • 06/2018 – 08/2018

- Aiding in the development of new curriculum for new hires by reviewing and annotating +25 web-based and lecture-based courses
- Leading a New Hire Conference Meeting addressing problems and solutions for the improvement of New Hire Conferences, after analyzing attendant poll responses from 4 conferences

## Activities & Recognition

Harvard Innovation Labs • 09/2022-Present

Graduate School of Design Representative • The Harvard Office for Gender Equity • 09/2022-Present

- Facilitating discussion between students and administrators to improve gender equity across campus

Student Advisory Board Chair • Hunter R. Rawlings Cornell Presidential Research Scholars • 08/2017 – 05/2022

- Organizing motivational and publicity initiatives for Cornell Research Scholars and developing promotional media
- Planning and attending research related events such as Prospective Student Meetings and the RCPRS Graduation Ceremony

Creative Director • Mixed at Cornell • 05/2020 – 05/2022

- Managing promotional media and creative projects/events

Council Member • AAP Diversity & Inclusion Council • 10/2021 – 05/2022

- Attending council meetings to address methods of promoting inclusion for all students in AAP

Fall Forum Engineering & Design Finalist • Cornell Undergraduate Research Board • 10/2020