Alexia Asgari

Creative Technologist

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Education

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

Cornell University • 05/2022
Bachelor of Architecture • Perceptual Cognition Minor

Experience

Innovation Engineer • Turner Construction Company • 10/2023 – Present

- Designed and launched an enterprise ChatGPT adoption/experience survey; defined success metrics tied to utility, ROI, and learning outcomes, achieved 25%+ response rate, and synthesized findings into inputs for rollout strategy and internal communications.
- Owned end-to-end research execution for the survey (instrument design → launch → analysis), including qualitative theme synthesis from open-text feedback to identify opportunities and friction points.
- Planned and facilitated a weekly "Creative Fridays" learning series for 30+ recurring users, pairing conceptual frameworks with actionable workflows; attendee cohort reported the highest satisfaction and self-reported work-quality gains among enablement resources.
- Built an internal presentation side-panel tool to support live AI demos (structured narrative + prompts + attachments + recap artifact), improving learnability and enabling workflows to be recreated without relying on full recordings.
- Developed and maintained an AI enablement knowledge base (e.g., 20 SharePoint pages, training hub, prompt library, workshop recordings library) to scale self-serve learning and reduce repeat support.
- Created a trend-tracking platform to rank AI news and relevant academic work; delivered weekly updates and commentary to leadership to support strategic planning and technology direction.
- Conducted 1:1 stakeholder support across diverse roles; translated complex AI concepts into clear, role-relevant guidance and iterated resources based on user goals and pain points.
- Program-managed the Safety Scout AI app build: framed the problem, scoped requirements/risks, prototyped, and delivered v1 against a one-month timeline under heavy scope constraints; supported vendor evaluation (NDAs, proposal review, comparisons) for next phase.
- Enabled high-visibility rollout moments at Innovation Summit: coordinated readiness for ~24 speakers, created attendee resources, and presented on AI to 300+ in person; also delivered a virtual session to 500+ attendees for a sister company.
- Developed an "AI Champions" evaluation rubric across business units, balancing quantitative and qualitative factors; mapped coverage and presented recommendations to leadership to support scalable adoption.
- Managed and mentored an intern, establishing check-ins, assigning deliverables aligned to team needs, and supporting professional growth through new opportunities and targeted feedback.
- Experimented with emerging media/tools (video, slides, and AI-generated assets; plus VR hardware testing) to expand training formats and improve engagement across audiences.

User Experience Lead • HarvardXR • 07/2023 – 04/2025

- Managed wayfinding and conference operations across overlapping sessions to support intuitive navigation and pacing. Mapped flow plans, placed activities, and produced navigational materials to keep attendees oriented and engaged throughout attendance.
- Served as a point of contact for speakers, supporting communications, transitions, and day-of problem-solving

Computational Model Engineering Intern • Turner Construction Company • 05/2023 – 08/2023

- Developed internal apps supporting architects and engineers to accelerate design workflows, after thorough interviews to assess potentials for tool building.
- Presented a parking optimization algorithm I engineered to executive leadership as it was deployed to real projects.
- Automated design checks including fire rating calculations and egress path validation

Instructor • NuVu Studio • 07/2023 – 08/2023

- Led and developed curriculum for two courses: "Augmented Reality Worlds" and "Girls Design Bots"
- Facilitated project-based learning through iterative builds, critiques, and final presentations

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

Peer-Reviewed Publication — 3D Printing and Additive Manufacturing: "Robosense 3.0: CERA III Adaptive Robotic Clay Printing" (Published online Dec 18, 2025). DOI: 10.1177/23297662251388855

Harvard Innovation Labs • 09/2022-05/2024

Graduate School of Design Representative • The Harvard Office for Gender Equity • 09/2022-05/2024

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

Board Member • SKINs Collective • 09/2023 – 05/2024

- Organized workshops and shared work related to fashion.

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