Ann Mulgrew

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Website https://19annmu.wixsite.com/portfolio

Education

Northwestern University, Evanston, IL
September 2024 - present (expected graduation March 2026)
Master of Science in Engineering Design Innovation

Carnegie Mellon University, Pittsburgh, PA
August 2019 - May 2024
Bachelor of Architecture (B.Arch, five-year program)
Minor in Human-Computer Interaction, Minor in Design for Learning, Minor in Business Administration
Cumulative QPA: 3.78/4.00, Dean's List

Experience

Product Design Intern || Whisper Aero, Nashville, TN
May 2024 - August 2024

Design Fabrication Lab Monitor || Carnegie Mellon University, Pittsburgh, PA
September 2021 - May 2024
- Monitored and assisted students with the 3D printer, CNC router, laser cutter, and vacuum former to ensure safe use and management of the machines.

Designing Human Centered Software Grader || Carnegie Mellon University, Pittsburgh, PA
August 2022 - December 2022
- Graded assignments, team projects, participation, and quizzes all relating to designing, prototyping, and evaluating user interfaces to over 60 students.

Design Intern || FREIHEIT Architecture, Bellevue, WA
May 2022 - August 2022
- Drafted, modeled, and created construction details and documents in Revit and AutoCAD for commercial and residential projects; assembled color and material boards; researched construction and decorative products.

Digital Media I & II Teaching Assistant || Carnegie Mellon University, Pittsburgh, PA
August 2020 - May 2021
- Lead a small group of 11 students in learning architectural programs (AutoCAD, Adobe Suite, Rhino, Vray); taught concepts in advanced 3D modeling and computational design; graded assignments, provided feedback inside and outside of class.

Skills

Design	Learning Design, Interaction Design, User Experience Design, User Interface Design, Visual Design, Fabrication, Rendering, Prototyping, Wireframing, UX Writing, Conversation Design, User Testing, UX research
Programs	3DS Max, Adobe CC (Illustrator, InDesign, Photoshop, PremierePro), AutoCAD 2D & 3D, Climate Studio, Figma, Google Suite, Grasshopper, Java, Keyshot, Lumion, Miro, Office Suite,Revit, Rhino, Ultimaker Cura, VoiceFlow, Vray
Fabrication	3D printing, CNC routing, drafting, laser cutting, model making, sketching, wood working, vacuum forming

Publications / Exhibitions

- **"Entangles Stories of the Anthropocene" in the Care Pavilion at the London Design Biennale 2023**
  Showcased my work titled "The Captive Elephant Agenda: A Timeline to Solve Elephant Captivity"

Activities

Spring Carnival Committee
Head of Booth, *August 2022 - May 2024*
- Met with student organizations to teach construction standards and design processes; review structural documents and complete on-site checks to ensure safe and buildable structures for over 25 organizations; coordinate logistics with other executive members and the university faculty.