Qilmeg Doudatcz

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Education

Aug 2025 - Present	Master of Science in Architecture Studies (SMArchS) MIT Department of Architecture
Jun 2021 - May 2024	Master of Architecture in Architecture Design (M.Arch) University of Michigan, Taubman College of Architecture and Urban Planning
Aug 2017 - June 2021	Bachelor of Engineering in Civil Engineering (B.Eng) Southeast University, School of Civil Engineering

Experience

University of Michigan Taubman College of Architecture and Urban Planning

Sep 2024 - Jun 2025	Research Assistant	Simulated Assemblies
Jul 2024 - Jan 2025	Research Assistant	DESIGN EARTH
Jan 2023 - Jun 2024	Research Assistant, Visualization Specialist	Empathy in Point Clouds
May 2023 - Apr 2024	Research Assistant	More Room at the Table
Aug 2022 - May 2023	Graduate Student Instructor	Arch 314/324 Structure I/II
Jun 2022 - Aug 2022	Teaching Assistant	Arch 402 Arch Design (3G1)

University of Michigan Center for Academic Innovation

2024	3D Artist Fellow	XR Initiative

Beijing Sky Land Urban Architecture and Design

2019	Intern

Ordos Yijinhuoluo Construction Ltd., Co.

2020	Intern

Leadership

Workshop Instructor, Taubman College of Architecture and Urban Planning

Feb 2025	ARCH 662 Tectonic Arguments, Rendering in Blender
Mar 2024	Arch 509, Point Clouds + Unreal Worlds: An Introduction to Immersive Technologies

Invited Reviewer, Taubman College of Architecture and Urban Planning

Dec 2024	ARCH 662 Tectonic Arguments, Drawing Review
Dec 2024	Arch 672 Proposition Studio, AdaptUP Final Review
Sep. 2024	Arch 672 Proposition Studio, AdaptUP Mid Review
May 2024	Arch 442 UG4 Design Studio, Terra Final Review
Sep 2023	UG3 Design Studio, Theme: Water and Bathhouses Drawing Review
Oct 2022	UG3 Design Studio, ThemWgies Drawing Review

Recognition

Yertönts, the Vertical World
Thesis Project, Instructor: Alina Nazmeeva

Oct 2024	2024 RIBA President's Medals, Silver Medal, Nominee
May 2024	Burton L. Kampner Memorial Award (Taubman College Best Thesis Award), Winner
May 2024	Taubman College Sensibility for Representation / New Mediums Award, Nominee
Dec 2023	Graduate Student Arts Funding Grant, Umich Arts Initiative, Awarded $4,000
Dec 2023	Arts Integrative Interdisciplinary Research (AiiR) Grant, Arts Engine, Awarded $1,800

CareSpace XR
Group Project with Mardy Hillengas and Einas Elamin, Instructor: Jonathan Rule, Michelle

Mar 2023	University of Michigan XR Student Showcase Best Use of XR for Research, Awarded

Origami-Inspired Polyhedral Metamaterials
Thesis Project, Instructor: Jianguo Cai

Jun 2021	Southeast University Thesis Award, Awarded

Publications and Exhibition

Oct 2024	Dimension 38. Thesis 2024. "Yertönts, the Vertical World"
May 2024	Reconstructing Reality Digitally UMich Center for Academic Innovation 8th Annual Student Showcase
Mar 2024	Pop-Up Exhibition at Taubman College Visualization Lab. "More Room at The Table" Leads: John McMorrough, Julia McMorrough, Ana Morcillo Pallares, Jonathan Rule Assistants: Ann Borek, Qilmeg Doudatcz, Ella Edelstein, Axel Olson
Jan 2024	Agora 18. "The Rural (Bridge) House(s)" Group Project with Timothy Jockers and Michael Thut
Jun 2023	Medical Innovations in Extended Reality Industry Meeting, UMich, "CareSpace XR" Group Project with Mardy Hillengas and Einas Elamin
Mar 2023	Taubman College TV Lab Trade Show. "CareSpace XR" Group Project with Mardy Hillengas and Einas Elamin

Skills

3D Modeling : Rhinoceros 3D, Blender, Grasshopper, SketchUp, Revit

Rendering : Enscape, V-Ray, Twinmotion, Lumion

Graphics and Videos : Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Adobe After Effect, Adobe PremierePro

XR and Gaming : Unreal Engine, Unity

Coding and Web Development : C#, Python, MATLAB, HTML, CSS

3D Scanning : FARO SCENE, Reality Capture

Certificates : Federal Aviation Administration Remote Pilot Certificate

Languages : English (Fluent), Mongolian (Native), Chinese (Bilingual), Japanese (Conversational)