



MEHRAD FARIDAN

Mixed Reality **Developer**
&
User Experience **Designer**

DATES & PLACES

UNIVERSITY OF CALGARY
2018 - 2022

DATES & PLACES

Mixed Reality Developer
Makami College
May 2022 - *Current*

Research Assistant
Programmable Reality Lab
University of Calgary
Jan 2022 - *Current*

AWARDS

August 2022
[UIST Student Innovation Contest](#)
1st Place Winner

Feb 2022
[Snap Creative Challenge](#)
"The Future of Co-Located Social AR"

Jan 2022
[NSERC Undergraduate Student Research Award \(USRA\)](#)

EDUCATION

*Bachelor of Science (BSc) in **Computer Science**,
Specialization in **Human - Computer Interaction**.*

EXPERIENCE

Designing, prototyping, usability testing & deploying XR & Haptic Feedback solutions. Developed the **world's first** use of Mixed Reality in Massage Therapy Education. Successfully developed a research collaboration between Makami College and the University of Calgary.

- UIST Student Innovation Award - 1st Place
- UCalgary Computer Science Showcase - Best Demo
- Published Research to CHI 2023.
- Supervised by [Dr. Ryo Suzuki](#).

Assisting **and leading** multiple Human-Computer Interaction projects. From ideation, design, development, prototyping to user testing/research & deployment.

- Snap Creative Challenge 2021 Winner
- Published Research to UIST 2022.
- Supervised by [Dr. Ryo Suzuki](#).

PUBLICATIONS

[ChameleonControl](#): CHI 2023 (Accepted)
A "Guide to Control" Approach for Human-Based Telepresence in Remote, Hands-on Massage Therapy Education & Training.

[UltraBots](#): UIST 2023 (Honorable Mention)
Large-Area Mid-Air Haptics for VR using Robotically Actuated Ultrasound Transducers

Feb 2021/2020
[Calgary Hacks](#)
3rd Place Award 2021
Participant Award 2020

Sept 2019
[Alexander Rutherford Scholarship](#)

SOFT SKILLS

Wireframes / Visual Design / Prototyping
UX + UI Design / Project Management
Research & Publications / Grants/Funding

LANGUAGES

English, *Fluent*
Farsi, *Fluent*
French, *Proficient*

CONTACT

Location
Calgary, Canada

Website
mehradsfaridan.com

Phone
1 - (403) - 689 - 5848

LinkedIn

Email
faridan3838@gmail.com
mehrad.faridan1@ucalgary.ca

[SketchedReality:](#) UIST 2022 (Accepted)
Exploring bi-directional interactions between Virtual
Sketches and Actuated Tangible User Interfaces

[RealityChat:](#) CHI 2023 (LBW)
Augmented Conversation with Embedded Speech-Driven
On-the-Fly Referencing in AR

TECHNICAL SKILLS

Unity / A-frame / Unreal / HoloLens / Three.js / VR/AR
Oculus Quest + Quest Pro / Adobe Creative Suite
Figma / Javascript / C# / C/C++ / Java

DESIGN PHILOSOPHY

I believe in designing a cleaner & more accessible world, where user interfaces are *mediums* between *humans and machines* that foster *intelligent, intuitive* and *delightful* interactions.

ABOUT ME

From Human-Robot Interaction to the seamless coupling of the Virtual and Physical worlds. I'm *fascinated* by all the opportunities we now have to radically reshape the world we live in. I always ask myself:

at what other time in mankind's history did humans possess the power not only to change the world but to *mold the very reality we inhabit?* To reconfigure the world, and by extension our lives, *exactly* how we desire.

That question, and many more, fascinate me and fuel my passion for immersive technologies like VR, AR, Haptics and more.

“Design is *intelligence* made *visible*”

- Alina Wheeler