

Amir Houieh
Creative technologist

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Summary

I explore, research, experiment, and create where technology, creativity, and design intersect. I combine my design knowledge with a wide range of technologies —mainly Machine Learning and Web technologies— in order to create products and systems in an alternative and futuristic way.

I believe in a future which we deserve now; a maker who does not want to wait for the future. Currently there is a gap between the “development” of technologies and the “applications” of those techs in our daily life. My passion and goal is to close this gap. This next to my keen entrepreneurial attitude has led me to initiate and run multiple interdisciplinary projects and businesses.

Work Experiences

Co-Founder at SUSLIB

Vision & business lead and software development
2019-present

Building the future of knowledge interaction combining computational design, research, and A.I.

Creative Technologist

Freelancer
2018 - present

Making real-world software solutions using Machine Learning and web technologies.

Digital media tutor & project lead

Graphic design department ArtEZ
Institute of the Arts, Arnhem, NL.
August 2017-present

Teaching about Computational design, systematic design, and creative coding. Leading the design and implementation of the program and curriculum.

Interactive designer and creative developer.

RNDR Studio, The Hague, NL.
2017 - 2018

Creative coding, Web development, Research & Concept Development, UI/UX, Data Visualization, Interactive Environment Design

Interactive designer and creative developer.

Lust & LustLab studio, The Hague
2016 - 2017

Creative coding, Web development, UI/UX, Data Visualization, Research & Concept Development

Intern/Junior

media designer & developer
Mind Design studio, Amsterdam
2014 - 2016

UI/UX, Research & Concept Development, concept development. Web development and creative coding.

Projects / Awards

HIRO (SAAS online platform)

Founder, project lead, and developer
2021-present
hir.000

Collaborative online platform for creating and publishing, customizable and embeddable interactive (art)works.

Autonomous Libraries Founder and Researcher 20120-present

Autonomous Libraries (AL) is a new concept for a new form of libraries, or in a broader context: networked knowledge spaces.
<https://suslib.com/research/autonomous-libraries>

REPUB Co-Founder, designer, and developer 2018-2019

REPUB is a tool for doing it yourself (DIY) digital publishing. It is a software framework that lets us set up our own way of publishing text, image, video, and audio using a distributed decentralized architecture for content and design.

SchoolHub.nl Co-Founder 2016-2017

Schoolhub is an online community for students, teachers, and parents, and schools of the Netherlands to share their views about academic environments. And evaluates them. Schoolhub originated during “Onderwijs Data Onder de Loop” a 24 hours hackathon in order to explore the ideas and stories about the open education data in the Netherlands — mostly through an API provided by DUO. (First price)
Partners: The Netherlands ministry of education, DUO, and Waag-Society.

Re- Founder, designer, and developer 2016

A modular content-driven web browser. Re- as a new web browser alters the new way of surfing and consuming the web. “Re-” empowers the user to embrace the content of the web pages as well as the design and way how content is shown. Re is a modular platform within which users can decide what type of content of a webpage they see.

Lectures & Workshops

- **A.I in design**
Workshop/Lecture
May 2021 - Sandberg, online.
- **Experimental Framework Workshop/Lecture**
Oct 2018 - Artez, Arnhem.
- **Research Publishing Workshop**
May 2017 - LustLab, The Hague, Netherlands.
- **X-publishing workshop.**
It was created at the occasion of a 2 days workshop given by LUST with BA and MA students from [Graphic Design Arnhem](#), [Piet Zwart Institute ExPub](#) and [PublishingLab](#) interns.
October 2016 - LustLab, The Hague, Netherlands.

- Experience Design through technology Workshop/Lecture
September 2016 — Kashaneh design institute, Iran.

Technical stack/tools

- Languages
Javascript (es7-es8) + typescript, Python,
- Frameworks, Platforms, Techniques
Tensorflow.js, Nodejs, React js, Redux, MobX, D3, Processing, electron, GraphQL, Git, Docker, p5JS, ml5Js.

Education

- Royal Academy of Art The Hague (KABK)
Bachelor of Arts (B.A.), Graphic Design, 2012 - 2016
- IAUN, Isfahan Iran
Bachelor of Applied Science (BASc), Computer Software Engineering, 2004 - 2008

Languages:

- English (full professional)
- Dutch(B2 level and making progress)
- Persian (Native)