

Kai (Kye) Shimizu

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WORK EXPERIENCE

Massachusetts Institute of Technology, Media Lab, Fluid Interfaces Group Sep. 2024 – Present
Research Assistant Massachusetts, USA

- Working under the [Fluid Interfaces Group](#), with [Pattie Maes](#), submitted to HRI2026, with other papers under review. Sandbox Grant (\$3K USD), MIT/HPI grant (\$250K USD)

Sony Computer Science Laboratories, Inc. Oct. 2020 – Oct. 2024
Visiting Researcher Tokyo, Japan

- Worked with [Dr. Shunichi Kasahara](#), researching technologies to explore augmentation of agency and perception through projects such as [Morphing Identity](#), as well as collaboration with researchers such as [Hiro Shirado](#) from CMU, [Jun Nishida](#) from the University of Maryland.
- Authored 4 peer-reviewed papers as first author, and presented at top conferences such as [ACM SAP](#), [CHI](#), and [SIGGRAPH](#), [Nature Scientific Reports](#). Technical Contributions to papers at [PNAS](#) and [SIGGRAPH Asia](#).
- Exhibited in numerous museums across Japan for [Morphing Identity](#), such as the National Science Museum, Sony Ginza Park, and Roppongi Art Night.

Nsketch, Inc. July 2020 – October, 2023
Research Engineer / Technical Artist Tokyo, Japan

- Developed and led product development of websites, apps, products, and interactive installations for numerous clients such as Sony, Honda, and Issey Miyake. Helping artists such as [outdraw.ai](#), which won the [Gemini Developer Award](#) for Most Creative App (\$200K USD).

Synflux LLC. March 2019 – June 2020
Founder & CTO Tokyo, Japan

- As Founder & CTO, I oversee our core strategies, product roadmap, development, ops, and fundraising.
 - Led to seed round fundraising (1.5M USD) by several angel investors and collaboration with brands such as [HATRA](#).
- Received numerous awards such as the [H&M Global Change Award](#) and exhibited in museums worldwide, from HeK, Switzerland to Galeri Nasional Indonesia, Indonesia.
- Worked with Google ATAP Tokyo for Project Jacquard, under supervision of Shiho Fukuhara

Rhizomatiks Research December 2016 – December 2019
Intern / Assistant Researcher Tokyo, Japan

- Helped facilitate collaboration projects, workshops, and events such as [Super Flying Tokyo](#), with other artists such as [Kyle McDonald](#) and educators such as Dr. Yasuaki Kakehi. Assisted in multiple research projects such as [Fencing Visualized](#) and [Sensing Streams](#)

EDUCATION

Massachusetts Institute of Technology Sep. 2024 – Present
Master of Science, Media Lab Massachusetts, USA

Keio University March, 2019
Bachelor of Arts in Policy Management, part of XDesign Program Kangawa, Japan

- Collaborated in research with fashion brand [YUIMA NAKAZATO](#) to realize their 2018SS collection
- Selected as Global Graduate for Design Indaba to present “[Algorithmic Couture](#)” in Cape Town, South Africa.
- Founding organizing team for [Slush Tokyo](#), the first chapter of “Slush” held outside of Finland.

SKILLS & INTERESTS

- Skills:** Programming; 3D modeling; digital fabrication; data analysis; product marketing; space planning; flute;
- Interests:** Puns; sleeping; fashion; videography/photography; hiking; traveling; BBQ; archery; coffee