

# Hyemi Song

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## Summary

Hyemi Song is a researcher and a designer interested in topics related to “data, communication, and human” in complex systems. Her academic research areas include information visualization, human-computer interaction, and visual analytics.

## Education

**University of Maryland**, College Park, USA, 2022-Present  
Ph.D. Computer Science

**Rhode Island School of Design**, Providence, USA  
Master of Fine Arts, Digital + Media

**Samsung Art & Design Institute**, Seoul, Korea  
Visual Communication Design (3yrs)

**University of the Arts London**, London, UK  
Foundation, Visual Communication (1yr)

**The Catholic University of Korea**, Seoul, Korea  
Bachelor of Science, Molecular Biology

## Teaching Experience

**University of Maryland College Park**, 2022 Spring  
Position: Graduate Teaching Assistant  
Class: Introduction to Data Science

**Rhode Island School of Design**, 2016 Winter  
Position: Instructor  
Class: Measuring the Universe (2016 RISD Winter Session)

## Professional Experience

**Microsoft**, Redmond, USA, 2019 - Present  
Position: Senior Designer  
Specialized in Data Visualization, Designed for Machine Learning and AI products.  
Designed Error Analysis Dashboard, Azure Machine Learning Studio, and more.

**Datadog Inc**, New York, USA, 2017 - 2019  
Position: Product Designer  
Specialized in Data Visualization. Invented [Service Map](#). Designed Host and Infra map.

**Massachusetts Institute of Technology**, MIT Senseable City Lab, Cambridge, USA, 2016 - 2017  
Position: Research Fellow, Data Visualization Specialist  
Developed and designed an award winning project, Cityways, Driving DNA, Pisa Pool, Urban Exposure, and more.

**eyeballNYC**, New York, USA, 2015  
Position: Design Intern  
Designed a Logo for Sylvia Day who is a US best selling author, as well as working on 5+ other projects.

**NAVER Corporation**, Seoul, Korea, 2011 - 2014

Position: UX/UI designer

Designed mobile/web UX/UI for a Social Network Service called 'me2day' (Korea's equivalent of Twitter) and designed the Portal Service, 'NAVER' (the largest search engine in Korea).

**VINYL Interactive**, Seoul, Korea, 2010 - 2011

Position: UX/UI designer

Designed and developed the web/mobile Service Strategies & Proposals, interactive installations, and digital media promotions for 10+ clients; SAMSUNG, Korea Telecommunication, and more. KT Olleh Square won a prize from the iF design awards.

**2015 Brothers**, Seoul, Korea, 2009 - 2010

Position: Art Director

Designed and directed advertising projects for 20+ clients, including SKTelecom, SAMSUNG, and Korea Technology.

**PXD**, Seoul, Korea, 2008 - 2009

Position: Interaction Designer

Developed and designed mobile/web UI/UX services for clients including SKTelecom and SAMSUNG.

**Samsung Electronics**, Seoul, Korea

Position: Design intern

Researched web 2.0 and worked on a Flexible Display Project proposal.

**Cheil World Wide**, Seoul, Korea

Position: Design intern

Participated in a NY Time Square Outdoor Advertisement Proposal to make a creative movie.

**Kiz Entertainment**, Seoul, Korea

Position: Clay Animator

Participated in Clay animations for an advertisement, and TV Series with 5+ Clients, including Korean Broadcasting System and Dino land.

## Publications & Book Chapters

**Monthly Design** (Oldest Korean Design Magazine), Seoul, Korea, 2018

Feature Interview, Title - Data Visualization Designer, Hyemi Song / [Link](#)

**Data Vis Today**, USA, 2018

Feature Interview, Podcast (Episode 13) / [Link](#)

**IdN**, Hong Kong, 2018

Featured article (Project: CityWays), IdN is an international Design Magazine / [Link](#)

**The Guardian**, USA, 2016

News Article (Project: Urban Exposure), Data Visualization at MIT Senseable City Lab / [Link](#)

**RAW DATA**, USA, 2014

Book Chapter, (Project: The temperature of my mind / Visualizing works) / [Link1](#) [Link2](#)

+ Book Author: Steven Heller, Rick Landers

**Visual Loop**, Brazil, 2012

Featured article, Title - Finding stories of data visualization from twitter / [Link](#)

**Information Aesthetics**, USA, 2011

Featured article, Title - Visualizing Works: Hyemi Song's Innovative Portfolio / [Link](#)

**Visualising Data**, USA, 2011

Featured article, Title - Visualizing Works: Hyemi Song's Innovative Portfolio

**Sadi Vision**, Korea, 2011

Featured article (Project: Visualizing Works)

**IF Online Gallery**, USA, 2010

IF Online Gallery (Project: KT Olleh Square)

**2009 Seoul Design Olympiad**, Korea, 2009

Annual publication for winners

**Adobe Design Achievement Award Online Gallery**, USA, 2008

ADAA Online Gallery (Project: The temperature of my mind)

## Invited talks (Selected)

**GyeongGi Cultural Foundation**, Seoul, Korea, 2021

Lecture: Data as a communication medium: art, design, and human

**San Jose State University** San Jose, USA, 2021

Lecture: Data and Human Communication

Workshop: Measuring the temperature of my mind

## Jury, Advising services

**PacificVis**, Japan - Juror, 2022

**IEEE VIS Arts Program**, USA - Program Committee / [Link](#), 2018 - Present

**A' Design Award & Competition**, Italy - Jury Member, 2018 - Present

**Brown University, Computer Science Department**, USA - Portfolio Reviewer, 2019 - Present

**Apexart**, USA - Jury Member, 2017

## Grants, Fellowships & Scholarships

**University of Maryland College Park**, USA - Dean's Fellowship/Assistantship, 2022-Present

**Massachusetts Institute of Technology**, USA - Fellowship, 2016 - 2017

**Rhode Island School of Design**, USA - Assistantship/Fellowship, 2014 - 2016

**Samsung Art & Design Institute**, Korea - Scholarship, 2007

## Awards

**A'Design Award and Competition**, Italy - Winner (Gold), 2018-2019

**Information is Beautiful Awards**, USA - Long List, 2018

**World Changing Ideas Awards (by Fast Company)**, USA - Finalist, 2018

**IEEE Arts Program, Berlin**, Germany - Accepted for exhibition

**A'Design Award and Competition**, Italy - Winner (Iron), 2016-2017

**53rd American Graphic Design Awards, GDUSA**, USA -Winner (Student), 2016

**Spark International Design Awards**, USA - Finalist, 2016

**Adobe Design Achievement Awards**, USA - Semifinalist, 2008, 2015, 2016

**Adobe Design Achievement Awards**, USA - Honorable Mention 2007

**IF Design Award**, USA - Winner, 2010

**Good Design Award**, Japan - Winner, 2010

**Seoul Design Olympiad 2009**, Korea - Winner (Honorable Mention)

**SADI Graduation Award**, Korea - Experimental Portfolio Winner

**11th Environmental Management Corporation Award**, Korea - Winner

## Exhibitions

**Design Korea Festival 2020, Design Beyond Data**, @Coex, Seoul, Korea, (Declined) 2020

**IEEE Arts Program**, Berlin, Germany, 2018

**A'design Award Winner exhibition**, @Mood, Italy, 2017

**Shenzhen Design Week**, @Shenzhen Convention Center, China, 2017

**RISD Nature Lab anniversary exhibition**, @Waterman Gallery, USA, 2017  
**Internet Festival**, @Waterman Gallery, Pisa , Italy, 2016  
**RISD Graduate Exhibition**, @Providence Convention Center, USA  
**Dark Matter**, @RISD Sol Koffler Gallery, USA  
**Image Landscapes**, @RISD Gelman Gallery, USA  
**Annual Student Artists' Book Exhibition**, @RISD Fleet Library, USA  
**2009 Seoul Design Olympiad**, @Jamsil Main Stadium, Korea  
**Sharing Experience 2009**, @Zero one center Gallery, Korea  
**Onepiece Magazine Ceremony Party 500**, Korea  
**Reviewing Hanul Exhibition**, @Space Hiut, Korea  
**GUANGZHOU Design Korea Exhibition**, Guangzhou, China  
**2nd D.I.P. Exhibition**, @SADI Space Gallery, Korea  
**21st D.I.P. Exhibition**, @SADI Space Gallery, Korea  
**SADI Graduation Exhibition**, @SADI Space Gallery, Korea  
**Hanul Exhibition**, @Shinhan Gallery, Korea  
**Chelsea College of Arts Graduation Exhibition**, @Hugon Road Gallery, UK