

Koh, Achim [at]achim is a **researcher, programmer and translator**.

His work engages the technopolitics of data, machine learning, digital art, musical interfaces, and the web.

PROFESSIONAL EXPERIENCE

2019

Visiting Assistant Professor, Machine Learning – Pratt Institute, School of Information New York.
Syllabus development and teaching (Fall 2019).

2019

Data Science Intern – Converseon New York.

Data analysis of social media data; Boolean queries and rules; data manipulation, cleaning, and reporting; building and improving machine learning models.

2016–2018

Designer & Developer – Tools for Clear Speech, Baruch College, CUNY New York.

Produced new JavaScript interface for website; designed and implemented web-based audio recorder and video player; implemented new identity.

2013–2014

Researcher – Making Lab, the 4th Anyang Public Art Project Anyang, South Korea.

Local team lead for community makerspace including artist research, project management, public outreach, translation, editing, education programming. Collaboration w/ Taeyoon Choi.

2010

Coordinator – BEHIVE Seoul, South Korea.

Artist research, space management, onsite technical support, event organization, public relations for art gallery.

Produced concerts by Joo Won Park, Trampoline, 404; live performances by Hang-jun Lee and Hojun Kim.

2009–2012

Co-creator, Producer, Head Writer & Audio Engineer – recandplay.net Seoul, South Korea.

Project conception, booking, public relations, writing, audio recording and editing. The project produced 50+ videos aggregating more than 5 million views.

2007–ongoing

Translator & Interpreter

Written translations and oral interpretations to/from Korean, English, and French for publications, art exhibitions, technical projects, etc.

Specializes in art and critical theory, digital technology, and music.

EDUCATION

2018

M.A. in Liberal Studies (Adv. Dr. Lev Manovich). The Graduate Center, CUNY, New York City.

Thesis—*Music for AI Reports: Dual Prospects in Music Production*.

Completed the Interactive Technology and Pedagogy certificate program.

Project—*Critical Machine Learning: An Online Resource*.

2015

The School for Poetic Computation, New York City.

2008

B.A. in Mass Communication. Yonsei University, Seoul.

AWARDS & EXHIBITIONS

Data Through Design. New Lab. New York, 2019.

SeMA Biennale Mediacity Seoul 2016. Seoul Museum of Art. Seoul, South Korea, 2016.

Research Grant – Open Net Research Paper Competition. “Zeroboard, Easy-to-install BBS—Rough sketch for a techno-cultural maker history of the Korean internet.” Seoul, South Korea, 2016.

SELECT ARTICLES, TEACHING & TALKS

2018

“Music for AI Reports: Dual Prospects in Music Production.” Master’s thesis, The Graduate Center, CUNY.

2017

“Machine Learning: A Primer.” Workshop. *NYCDH Week 2017*, New York.

2016

“Resources for a Critical Machine Learning.” Presentation. *CUNY IT Conference 2016*, New York.

Koh, Achim, Kang, E Roon, & So, Wonyoung. **“Zeroboard, Easy-to-install BBS—Rough sketch for a techno-cultural maker history of the Korean internet.”** *Open Net Research Paper Competition*, Seoul, 2016.

Public events at *Mediacity Seoul 2016 NERIRI KIRURU HARARA*, Seoul:

“Alternate Paths.” Round-table.

“Korean Internet Tour Day.” Lecture.

“Techno-culture Research Methods.” Seminar. *Seun Living Lab x Unmake Lab*, Seoul.

“The Year 2015 in Korean Online Feminism: Two Movements Against Misogyny.” Presentation. *Theorizing the Web 2016*, New York.

“The Wreckages in the South Korean Web.” Presentation. *Mapping Memory Conference*, New York City.

–2015

“Simple music instrument with openFrameworks.” Workshop. *ITP Camp*, New York, 2015.

“Maker Culture and Possibilities of Citizen Participation.” Lecture. *KAIST Creative Lab for Culture Technology Venturing*, Seoul, 2013.

“Open Source Hardware Workshop.” Workshop series (assistant instructor). *NEXON Computer Museum NCM Lab 3.0*, Jeju, 2013.

“Music, Video, and Blog with recandplay.” Lecture series at *MEDIACACT*, Seoul, 2011.

SELECT SKILLS

Machine Learning: Design and conduct experiments and complete workflows across diverse machine learning techniques from linear models to deep learning, using scikit-learn, TensorFlow.

Data Mining and visualization: Comfortable scraping, analyzing & visualizing data using REST APIs, headless browsers, mongoDB, pandas, Excel, p5.js.

GIS: QGIS, CartoDB, Mapbox, d3.

Natural Language Processing: Text analysis and processing using nltk, SpaCy, konlpy.

Languages: Fluent in English, French, Korean, JavaScript, Python, R.

Web Development: Front-end technology including HTML5/CSS/JavaScript, Jekyll and Git; cloud-based backend including Google Cloud and AWS.

Creative Computing: Familiarity with audiovisual programming frameworks, including Processing, p5.js, Wekinator, Pure Data and openFrameworks. Knowledge of live coding platforms including Sonic Pi.

Audio Engineering: Multiyear experience in field and small studio recording, audio editing. Deep familiarity with Ableton Live and Audacity.

Physical Computing: Knowledge of electronics, Arduino, Raspberry Pi.

SELECT TRANSLATIONS

2018

Beck, Jeesook. "(Public) Art of Damage." In upcoming publication on Kim Yong-Ik by Cahiers d'Art.

Boulvain, Thibault. "In the Disorder of the World." *From Vietnam to Berlin*. Gwangju: Asia Culture Center, 2018.

2017

Beck, Jeesook. "Caressing The Skin of History." *Korea Artist Prize 2017*. Seoul: National Museum of Modern and Contemporary Art, 2017.

Curator's statement for *The Other Face of the Moon* at Asia Culture Center, Gwangju, 2017.

Kim, Hyunjin. Sasanggye-related research text for *Parapolitics: Cultural Freedom and the Cold War* at Haus der Kulturen der Welt, Berlin, 2017.

Kang, E Roon et al. *Seoul Libre Maps*. <https://medium.com/seoul-libre-maps>. 2017.

2016

Ham, Yang Ah. *The Village*. Forthcoming. (co-translation)

Kim, Lynn et al. *Touch Type: Research on Body and Typography*. Seoul: Korea Craft & Design Foundation, 2016.

Seoul Museum of Art. *SeMA Biennale Mediacity Seoul 2016: NERIRI KIRURU HARARA*. Seoul: Seoul Museum of Art, 2016. (co-translation)

Kang, E Roon, Koh, Achim and So, Wonyoung. *Korean Internet Tour Guide*. <http://k-www.kr/en>. 2016.

Choi, Taeyoon et al. 우리가 세운 벽을 탈(脫)학습하기. Seoul, 2016. (co-translation)

Ji-Hyun Park, Park Hyun-jung, Woo Ahreum. "Correspondence." *COULD BE NO.1: Trios of Guides*. Seoul: Seoul Museum of Art, 2016.

-2015

Choi, Taeyoon & Kang, E Roon. *In Search of Personalized Time*. Website and video documentation. <http://i-s-o-p-t.com/>. 2015.

마리 조제 오데르세. 나를 믿는 기술. Seoul: Kaema Kowon, 2010.

실비 보시에. 죽음, 왜 쉬쉬하지? Seoul: Kaema Kowon, 2009.

크리스토프 라무르. 걷기의 철학. Seoul: Kaema Kowon, 2007.