

Koh, Achim [atc^him] is a **researcher, programmer and translator**.

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

SELECT PROJECTS

Critical Machine Learning. Online resource and teaching material for interdisciplinary, critical, and balanced understanding and usage of machine learning and related technologies. <http://criticalml.net/>

Music for AI Reports: Dual Prospects in Music Production. MA Thesis. Recent industrial interests in musical applications of AI contextualized with regards to cultural technology and capitalism.

Nate Pann RNN. Twitter bot that tweets screenshots of text generated by a neural network trained on a popular Korean online forum. https://twitter.com/pann_rnn/

From Point A to Point B. Interactive multimedia installation - generative fiction, data visualization. Collaboration w/ Wonyoung So. *Data Through Design*. New Lab. New York, 2019.

Korean Internet Tour Guide. Web-based research, installation. Collaboration w/ E Roon Kang, Wonyoung So. *SeMA Biennale Mediacity Seoul 2016*. Seoul Museum of Art. Seoul, South Korea, 2016. <http://k-www.kr/>

SELECT SKILLS

Data Mining: Analysis and visualization of data, big and small; procurement of data via established datasets and messier methods like scraping. JavaScript, Python, R.

Machine Learning: Design of ML experiments and models using scikit-learn, TensorFlow.

Web development and creative computing using Git, HTML5/CSS/JavaScript, Flask, Jekyll, Processing, p5.js, openFrameworks, Pure Data, Sonic Pi, Ableton Live, Audacity, Arduino, Raspberry Pi.

Translation to and from English, French, Korean.

TEACHING & TALKS

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

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

“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.

“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.” Assistant instructor. *NEXON Computer Museum*, Jeju, 2013.

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, topic modeling, text classification; data manipulation, cleaning, and reporting; building and improving machine learning models.

2016–2018

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

Website redesign; implementation of web-based audio recorder and video player.

2013–2014

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

Held a versatile position as local team lead for community makerspace including artist research, project management, public outreach, translation, editing, education programming. Part of the 4th APAP, the biggest public art Biennale in South Korea. Collaboration w/ Taeyoon Choi.

2010

Coordinator – BEHIVE Seoul, South Korea.

Played a versatile role including artist research, space management, onsite technical support, event organization, public relations for art gallery BEHIVE. Produced concerts and live performances by local musicians and artists.

2009–2012

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

Played a major role in a team setting from project conception, booking, public relations, writing, audio recording and editing. The project was a video series of live music performances in unconventional urban settings.

2007–ongoing

Translator & Interpreter

11+ years of experience. Specializes in art and critical theory, digital technology, and music.

EDUCATION

2018

M.A. in Liberal Studies. 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.

Independent Project: *Critical Machine Learning.*

2015

The School for Poetic Computation, New York City.

2008

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