

Achim Koh

achim.koh@gmail.com

+1-718-413-0355

EDUCATION

(Currently) The Graduate Center, CUNY, New York City – M.A. in Liberal Studies |
Interactive Technology and Pedagogy certificate program | New Media Lab

The School for Poetic Computation, New York City – Spring 2015

Yonsei University, Seoul – B.A. in Mass Communication, 2008

PROJECTS

AI Technology and Music Creation, 2017 (work in progress)

A survey into recent developments in AI technology and its implications for music creation, with a focus on services and platforms targeting non-CS-based creators.

<https://www.are.na/achim-koh/music-art-ai>

Nate Pann Generator, 2017- (work in progress)

Text generation based on scraped data using different techniques ranging from Markov chains to RNN. A glimpse into the collective memory embodied in online communities.

<http://scalarvectortensor.net/text-generation-nate-pann>

Critical Machine Learning, 2016- (work in progress)

Diverse perspectives on the implications of AI technology and machine learning.

<http://criticalml.net/>

Recognizing Composers Using High-Level Features, 2017

Machine learning project for the classification of classical music according to composer, using n-grams of approximated chords.

<https://github.com/achimkoh/midi-classification>

Korean Internet Tour Guide, 2016

A digital media archaeology of South Korea in the early 2000s. Collaboration with E Roon Kang and Wonyoung So.

<http://k-www.kr/en>

Who builds South Korean public websites?, 2016

Data visualization of South Korean public bidding data for government websites.

<http://scalarvectortensor.net/datavis-korean-gov-websites>

recandplay.net, 2009-2012

video podcast featuring musicians performing live in the urban space of Seoul.

<http://recandplay.net/>

WRITINGS & TALKS

"Machine Learning: A Primer." Workshop at NYCDH Week 2017 – New York, 2017

"Resources for a Critical Machine Learning." Presentation at CUNY IT Conference 2016 – New York, 2016

Mediacity Seoul 2016 *NERIRI KIRURU HARARA* – Seoul, 2016

Korean Internet Tour Guide, a collaboration with E Roon Kang and Wonyoung So
- *Alternate Paths*, a round-table on software in the South Korean internet
- *Korean Internet Tour Day*, a lecture on software in the South Korean internet

Seun Living Lab x Unmake Lab – Seoul, 2016
Seminar on digital research methods for techno-culture

"The Year 2015 in Korean Online Feminism: Two Movements Against Misogyny."
Presentation at Theorizing the Web 2016 – New York City, 2016

"Simple music instrument with openFrameworks." Workshop at ITP Camp – New York City, 2015

KAIST Creative Lab for Culture Technology Venturing – Seoul, 2013
Lecture on open-source technology, maker culture and civic engagement

NEXON Computer Museum NCM Lab 3.0, Guest Instructor – Jeju, 2013
Assistant instructor in open-source hardware workshop

MEDIACT – Seoul, 2011
Lecture on audio & video producing and digital publishing

WORK EXPERIENCE

Tools for Clear Speech at Baruch College, CUNY, Web Developer – New York, 2016-2017
Interface design and development for web-based audio recorder and video player

The 4th Anyang Public Art Project, Researcher for Making Lab – Anyang, 2013-2014
Research, project management, public outreach, translation, editing, education
<http://apap.or.kr/en/makinglab>

Translator – 2007-ongoing
Written and spoken translations in Korean, English and French

TECHNICAL PROFICIENCY

Data mining, analysis & visualization using [Python](#) and [R](#)
Audiovisual programming using [openFrameworks](#) and [p5.js](#)
Web design using [HTML](#), [CSS](#), [JavaScript](#); version control using [Git](#)
Audio/Video/Image/Publishing editing using [Audacity](#), [Ableton Live](#), [Final Cut Pro](#),
[Shotcut](#), [GIMP](#), [Inkscape](#), [Adobe Indesign](#)
Electronics & Microcontrollers including [Arduino](#) and [Raspberry Pi](#)
Reference management using [Zotero](#)