

# Mirae Jo

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## EDUCATION

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2023-present	Ph.D. student in Anthropology, Washington University in St. Louis, US
2017-2021	MA in Archaeology, Seoul National University, South Korea Thesis title: <i>An Examination on the Building Technologies of Embankments from the Ancient Period of Korea</i>
2013-2017	BA in History, Sungkyunkwan University, South Korea Thesis title: <i>Reconstruction of the Funeral of Emperor Gojong and Its Characteristic</i>
Jan - Jun 2016	Exchange student at Linnaeus University, Sweden

## ACADEMIC POSITION OF RESPONSIBILITY

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Sep 2020-present	Architectural Documentation & Archaeology Research Group, South Korea	Co-Researcher – publishing online serials of the excavation
Mar 2021-Aug 2022	Korean Association of Eurasian and Civilization Research	Researcher in the department of research and development – working on academic programs and international exchange
Jan 2020-Dec 2021	<i>Journal of the Jungbu Archaeological Society</i> , South Korea	Assistant to the Chief Editor – organizing logistics and submitted theses

## RESEARCH INTERESTS

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- Environmental archaeology, human-environment interactions
- Hydraulic architecture and the strategies of water use in the past
- Technology, building technology of large earthen structure
- Social and environmental factors to structure the technological choice
- Network analysis, *Chaîne Opératoire*, *Actor-Network Theory*
- South Korea, East Asia, Caucasus, Central Asia, Near East

## ACADEMIC PAPERS AND PRESENTATIONS

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Aug 2023 “Civil Engineering Technology of Hoeamsa Temple Site through the Analysis of Drainage System and Comparative Studies” in Architectural Repertory and Ensemble of Hoeamsa Temple Site, Presentation for the Academic Seminar on the Comparative Study of Hoeamsa Temple Site in Yangju and Similar Heritage in Korea, *Inc. Architectural Documentation & Archaeology Research Group*.

Nov 2022 “A Discussion Paper on Building Technology of Embankments in Silla and Gaya”, Conference of *Gyeongju National Research Institute of Cultural Heritage* (invited debater)

Mar 2022 “The Building Reconstruction of Embankments from the Ancient Period of Korea through the Lens of *Chaîne Opératoire*”, *Journal of the Korean Archaeological Society* 122: 179-204.

Nov 2021 “The Building Technology Network of Embankment in the Ancient Period of Korea” in Applicability and Utilization of Network Analysis for Archaeological Data, Presentation for the 45<sup>th</sup> Korean Archaeological Annual Conference, *The Korean Archaeological Society*.

Oct 2021 “Archaeological Excavation in the Salbir site, Gabala, Azerbaijan”, Monthly presentation for the Korean Association of Eurasian Research.

Jun 2021 “Exploring the Building Technology Network in the Ancient Period of Korea”, Presentation for the *Society for East Asian Archaeology* Online Student Conference.

Jun 2021 “An Examination on the Building Technologies of Embankments from the Ancient Period of Korea”, Presentation for MA thesis at Seoul National University, Department of Archaeology and Art History.

## GRANTS AND AWARDS

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2023-present	Arts & Sciences Graduate Fellowship - \$99,554
Feb 2021	Lecture & Research Scholarship - \$2,300 Seoul National University
Aug 2019	Lecture & Research Scholarship - \$2,300 Seoul National University
Feb 2019	Merit-based scholarship (full amount) - \$2,400 Seoul National University
Aug 2018	Merit-based scholarship (full amount) - \$2,400 Seoul National University
Jan 2016	7+1 Global Regional Expert Scholarship - \$1,500 Sungkyunkwan University
Dec 2013	Excellence Award - review for humanities competency of the lecture Sungkyunkwan University

2013-2017 Samsung Scholarship (tuition fee) - \$20,000  
Sungkyunkwan University

### **FIELDWORK / EXCAVATION**

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Dec 2019-Dec 2020	Dawoon-dong Bronze Age Settlement site, Ulsan in South Korea Archaeological site at Camp Page, Chuncheon in South Korea Hyeon-do site, Cheongju in South Korea	Employed excavation team member – bronze Age (9 <sup>th</sup> -6 <sup>th</sup> C BC), settlement, stone-lined tomb; ProtoThree Kingdoms, burial with a ditch
Aug - Nov 2019	Heunamri Bronze Age Settlement site, Yeosu in South Korea	Excavation team member – bronze Age (12 <sup>th</sup> -9 <sup>th</sup> C BC), settlement
Jul 2019	Salbir archaeological site at Gabala in Azerbaijan	Excavation team member – ancient-medieval period (4 <sup>th</sup> -11 <sup>th</sup> C), settlement, catacomb, hydraulic structures
Aug 2018	Salbir archaeological site at Gabala in Azerbaijan	Excavation team member – ancient-medieval period (4 <sup>th</sup> -11 <sup>th</sup> C), settlement, catacomb, hydraulic structures
Jun - Aug 2017	Gamil-Dong Tumuli of Baekje, Hanam in South Korea	Employed excavation team member – Hanseong-Baekje period (4 <sup>th</sup> -5 <sup>th</sup> C), stone chamber tombs with a horizontal entrance
Sep - Dec 2016	Uhwagwan(于華觀)·Beolju(別廚) at Hwaseong Temporary Palace site, Suwon in South Korea	Employed excavation team member – modern period (18 <sup>th</sup> C), a pond, ditch for drainage, buildings in the palace
Jul - Aug 2015	Munhak-dong site, Incheon in South Korea Miruzi·Seonsu Fortress(墩臺) at Ganghwa Island, Incheon in South Korea	Employed excavation team member – early modern period (11 <sup>th</sup> -17 <sup>th</sup> C), settlement, defense facilities

## **EXCAVATION REPORTS**

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Scheduled for publication in 2023 – “The Analysis Report: Mud Block Identified in Mounded Burial at Daedong-ri, Gimje in South Korea”, in Excavation Report of Mounded Burial site at Daedong-ri in Gimje (co-authored)

Scheduled for publication in 2023 – “The Excavation Report of Dawoon-dong Bronze Age Settlement site, Ulsan in South Korea” (co-authored)

Scheduled for publication in 2023 – “The Excavation Report of Hyeon-do site, Cheongju in South Korea” (co-authored)

2022 – “The Re-excavation Report of Heunamri Bronze Age Settlement site, Yeosu in South Korea” (co-authored)

2019 – “The Gabala Archaeological Expedition: Reports, Findings” (co-authored)

## **MUSEUM WORK**

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Feb 2018-Nov 2019	Seoul National University Museum	Assistant to the Curator – categorizing the relics in the prehistory of the Korean section, restoring relics, docent
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## **ACADEMIC RESEARCH AND SERVICE**

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Jan 2023-present	Hoeamsa Temple Site, Yangju - A Comparative Study on Domestic Heritage for the Selection of World Heritage Priority List (Architectural Documentation & Archeology Research Group, South Korea)	Research Assistant – collecting domestic heritage data for analyzing OUV
Jan 2023-present	Collection of Research Data on Korean Goryeo Celadon for Listing World Heritage (National Cultural Heritage Institute, South Korea)	Assistant – collecting and organizing data, organizing workshops/conferences
Sep 2022-present	A Comprehensive Maintenance Plan for Gangjin Goryeo Celadon Kiln site (National Cultural Heritage Institute, South Korea)	Assistant – collecting and analyzing data, planning a master plan based on internal/external case studies

## RESEARCH PROJECTS

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Jan - Aug 2021	HK+ Mega-Asia Research Project (Seoul National University Asia Center) - PI gained project funding: \$975,000	Research Assistant – organizing workshops/conferences, collecting required database, assisting with publishing a series of research
Dec 2020-Aug 2021	Exchange and Cooperation in the Asian World Program (Seoul National University Asia Center) - PI gained project funding: \$20,000	Research Assistant – organizing workshops/conferences, collecting required database for research on the diverse networks of the East Asian World
Jan 2020-Nov 2021	Network Archaeology Research Group (Institute of Humanities, Seoul National University)	Research Assistant – organizing workshops for the application of network analysis (R, Netdraw)
Sep - Dec 2018	Training Program in Historical Ecology through Stable Isotope Analysis (Seoul National University) - PI gained project funding: \$7,700	Researcher – processing soil samples, collecting historical ecological data
Sep 2017-Aug 2018	An Archaeological, Physical and Statistical Study of Multi-modal Distributions of Radiocarbon Dates (National Research Foundation of Korea) - PI gained project funding: \$200,000	Researcher – collecting, organizing, analyzing radiocarbon data of settlement sites

## OTHER EXPERIENCES

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Jun 2018-Sep 2019	Unification Media Group in South Korea	Guest broadcaster – Korean history, democratic history in the World
Apr 2018-Aug 2019	Volunteer work held by Jongno-gu Multicultural Family Support Center in South Korea	Support for the multicultural family child growth program
	Volunteer work held by Municipal Seodaemun Welfare Center for the Deaf in South Korea	Assistant to program for non-disabled kids who have disabled siblings
	Volunteer work held by Autism Society of Korea	Assistant to the family program for children with developmental disorder

	Volunteer work held by Mapo Welfare Center for the Disabled in South Korea	Assistant to music lessons for the orchestra composed of families of the disabled children
Jan 2016, Jul - Aug 2017	Volunteer camp in Russia held by International Workcamp Organization	Education for Russian kids, development of education program, language and culture exchange

## **SKILLS**

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Statistics with SPSS, R

Network analysis with Netdraw

Geographical Information Systems (QGIS)

Microsoft software (MS Office, Adobe Illustrator, Adobe Photoshop)

Excavation experience on a range of sites using various techniques

Excavation report writing

Preprocessing for Stable Isotope Analysis

## **LANGUAGE SKILLS**

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Korean (native), English (fluent), Ancient Chinese Character (reading intermediate), Russian (basic), Japanese (reading intermediate)