JIYE **JUNG.**

Bittweg 124, 53-00-11, C/O Jung, 40225 Düsseldorf
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PROFILE

- Master's student in AI & Data Science with a focus on Machine Learning, Deep Learning, Computer Vision, Generative Models, Reinforcement Learning, NLP, and Ethics in AI.
- Experienced in interdisciplinary research, blending technology and the arts, particularly with a background in theater.
- Passionate about the application of AI in creative industries, with a specific interest in generative models and their use in digital human and character creation.

EDUCATION

MAR.2022 –

M.S. HEINRICH HEINE UNIVERSITY, DÜSSELDORF

- Studied Mathematics for AI, Advanced Programing and Algorithm, Machine Learning, Deep Learning, Reinforcement Learning,,

MAR.2013 – 2018

Ph.D. CANDIDATE, CHUNGNAM NATIONAL UNIVERSITY, DAEJEON

- Researched on Expansiveness, Shadowing property, and Topological stability on Impulsive Dynamical System in Pure mathematics
- Generalized Conley's theory in terms of topological stability on Impulsive Dynamical System

MAR.2008 – FEB.2009

M.S. KOREA NATIONAL UNIVERSITY OF EDUCATION, CHUNG-JU

- Studied Mathematics and Pedagogy
- Researched 'Reflective Thinking' which is occurred when students compute Matrix

MAR.2004 – FEB.2008

BS.C. CHUNGNAM NATIONAL UNIVERSITY, DEAJEON, SOUTH KOREA

- Studied Mathematics

EMPLOYMENT AND INTERNSHIP

JUL.2023 – FEB.2024

STFC (SCIENCE AND TECHNOLOGY FACILITIES COUNCIL), INTERN Oxford, UK

- Participated in Computer vision project (Brain Image registration)
- Researched evaluation measurement for enhancing Voxel Molph network

MAR.2011 – 2021

PUBLIC MIDDLE SCHOOL MATHEMATICS TEACHER

Metropolitan Office of Education, Deajeon, South Korea

- Facilitated innovative learning experiences and hands-on learning
- Promoted individualism as well as class unity as a homeroom teacher
- Worked as a manager of student assessment department for over 3 years

- Worked as a manager of school administrative department two year

AUG.2011 — PRESENT
PROFESSIONAL THEATRICAL ACTRESS

Theater 'SaeByuk'
- Participated in over 20 plays
- Performed on stage over 100 times

AUG.2019 — FEB.2020
EVENT COORDINATOR / EXHIBITION DIRECTOR

Studio 'Rabbit'
- Organized exhibitions under the theme "Infusing Science" that integrated AI, machine learning, and mapping technologies with everyday life.
- Managed the 'Artist Nest' event at the Daejeon Art & Science Festival.
- Conducted Art & Science lectures.

HONORS AND AWARDS

JUN.2015
THE 14th STATISTICS UTILIZATION COMPETITION FOR STUDENT - TUTOR AWARD SILVER PRIZE
Statistics Korea, South Korea

JUN.2012
THE 14th STATISTICS UTILIZATION COMPETITION FOR STUDENT - TUTOR AWARD GRAND PRIZE
Statistics Korea

PUBLICATIONS

FEB.2010
A RESEARCH ON THE REAL STATE OF 2-YEAR HIGH SCHOOL STUDENTS' ABILITIES OF APPLYING MATRIX TO THE SETTLEMENT OF PROBLEMS IN REAL LIFE
Korea National University of Education (Depart of Mathematics)

JUN.2024
JUNG, J. (UPCOMING). "QUANTITATIVE ANALYSIS OF MELODIC SIMILARITY IN MUSIC COPYRIGHT INFRINGEMENT CASES."
To be submitted to the Izmir Society Journal