

Pilyoung Yoon

105-2407, 333, Banpo-daero, Seoul, Korea, 06506 | +82 1097890207 / +1 9492839045 | moses.p.yoon@gmail.com / pyoon@uchicago.edu

EDUCATION

University of Chicago

Bachelor of Arts in Climate and Sustainable Growth,
Bachelor of Arts in Economics with Specialisation in Business Economics

Chicago, IL
September 2024 - June 2029

University of California, Irvine

Bachelor of Arts in Environmental Science and Policy
• GPA: 3.97

Irvine, CA
September 2023 - June 2024

WORK EXPERIENCE

Republic of Korea Army, 19th Infantry Division | Sergeant / Radio Telephone Operator, Squad Leader

October 2024 - April 2026

- Led a squad of 4 in the platoon headquarters under the Platoon Lieutenant in charge of communications and coordination across a platoon of 20 soldiers
- Operated as the platoon's head Radio Telephone Operator, allowing for communications between the platoon and company, executing tasks such as status updates, fire support calls and Enemy Identification Report
- Placed second in the 6th Division Squad Leader Training Centre among 70 squad leader candidates

InnoCSR | Student Research Intern

December 2021 - June 2024

- Researched and collected data on carbon credits and their application for Nepal-based ESG start-up InnoCSR
- Assisted with the implementation of Good Bricks technology to 20+ local brick kilns in Nepal, allowing for a reduction in carbon emissions by $\frac{2}{3}$ (471g to 150g CO₂) compared to traditional kilns, whilst increasing production from 7 million to 10-20 million bricks
- Coordinated and communicated with the local PR team, helping with article writing and photo taking of local sites for marketing purposes

Headstart Silicon Valley | Intern

June 2023 - August 2023

- Researched and summarised relevant published works in the field of environmental Science
- Choose the research topic of urban well-being, looking into the correlation between environmental factors and urban satisfaction
- Conducted experimental design to collect and analyse data sets whilst learning key research skills such as data acquisition and analysis
- Presented research in the form of a presentational poster and was awarded Gold for both AIJAM 2023 and AIGC 2023

UCI LARC | Community Resource Team Member

January 2024 - June 2024

- Guided students' inquiries in-person, phone and 1:1 chat meetings
- Provided outreach to campus partners and students, such as course registration, student sponsor opportunities and LARC navigation
- Tasked with general office facilitation to promote an efficient work environment for a team of 40+

RESEARCH

Environmental Factors and Urban Wellbeing

- Analysed the correlation between environmental factors and urban satisfaction by employing advanced machine learning techniques to analyse data sets quantifying factors like green belt & water pollution
- Discovered a direct relation between urban satisfaction with positive environmental factors and inverse satisfaction with negatives
- Connected empirical insight for environmental factors and urban satisfaction to urban planning and policy
- Created a predictive model that urban planners could use to simulate the potential effects of environmental changes on urban well-being
- Published in Journal of Data Science for Applications, Volume 4, Issue I, January 2024, ISSN 2950-8568

Corporate Environmental Government Regulatory

- Discovered the intricate relationship between corporate environmental impact and the stringency of government regulations specific to European nations
- Analysed 2015's dataset of 63 major European corporations and connected the correlation of assets and financial metrics such as Return on Assets (ROA), Return on Equity (ROE), etc.
- Determined the direct relationship between direct and indirect emissions in corporations, alongside the fact that environmental responsibility and profitability are not mutually exclusive and can be integrated into a coherent strategy
- Published in Journal of Data Science for Applications, Volume 4, Issue I, January 2024, ISSN 2950-8568

EXTRA-CURRICULAR ACTIVITIES

EnviGO | Founder and Advisor

November 2021 - June 2024

- Founded and led a youth environmental NGO that seeks to address pressing domestic & international environmental issues
- Recruited and managed a team of 70 from 7 international schools in Korea and 2 international schools in 2 other countries
- Established the "Clean Han River Initiative," facilitating clean-up projects in Seoul, collecting 20kg + trash per session
- Advising and screening new and returning members for the continuation of our mission and legacy

Jeju Kusang Tree | University Student Team Leader

August 2023 - June 2024

- Organisation dedicated to preserving a Korean Fir, a native tree on Jeju Island of Korea named Kusang, currently in danger of extinction
- Connected government organisations, companies, global NGOs, and research institutions to research Kusang tree extinction prevention
- Planted 500+ Kusang trees along 60 members on the island of Jeju

UCI Anthology Yearbook | Photographer

September 2023 - June 2024

- Photographed various on-campus and sports events alongside a team of 4, capturing the memories of the whole undergraduate population
- Specialised in sports and event photography, utilising skills such as colour correction, photo composition via Adobe Photoshop