YUNA BAEK
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EDUCATION

Harris School of Public Policy, University of Chicago   Chicago, IL
Master of Public Policy (Specialization in Data Analytics and Education Policy)   *Jun 2025*
Coursework: Data Engineering, Machine Learning, Statistics for Data Analysis, Early Childhood Education, Education Inequality

Yonsei University   Seoul, Korea
Bachelor of Arts in Economics (Development Economics)   *Aug 2022*

EXPERIENCE

Chicago Public Schools (CPS)   Chicago, IL
Education Pioneers Summer Fellow, Office for Students with Disabilities (OSD)   *Jun 2025 - Aug 2025*
- Developed a cross-departmental framework aligning internal data systems with three high-priority ISBE Indicators for Alignment to Rightful Presence to streamline metrics across seven OSD departments.
- Analyzed existing datasets, including compliance records, school-level indicators, and dashboards, to identify redundancies and integration opportunities.
- Collaborated with district leadership to support equitable special education teacher allocation procedure.

American Institutes for Research (AIR)   Chicago, IL
Research Associate / Research Associate Intern, Educator and Instructions   *Jun 2024 - Present*
- Developed, monitored, and managed databases, creating interactive dashboards in Airtable for tracking project implementation across 24 school districts and 200+ teachers.
- Designed interactive dashboards and integrated data collection tools to facilitate seamless project monitoring and communication among stakeholders.
- Programmed automation workflows to enhance data processing, quality control, and efficient project management using AI.
- Performed data cleaning, quantitative analysis, and visualization with R and Excel to evaluate the effectiveness of educational technology platform in K-12 math education programs.
- Contributed to the impact evaluation of science teacher training program by applying Rasch analysis and analyzing student administrative and outcome data of 3,500 students from 19 districts.
- Conducted study screening and data extraction for meta-analysis of college STEM programs to draw actionable insights.

Harris Policy Labs, Harris School of Public Policy   Chicago, IL
Client: IDinsight   *Jan 2025 - Mar 2025*
- Designed and implemented data-driven strategies to identify valid measures of dignity by analyzing large survey data, designing a survey instrument, and creating an analysis plan for a multi-country study for the Dignity Initiative.
- Performed statistical analysis of datasets of more than 13,000 observations, formulating hypotheses and applying various statistical testing models.

Harris Community Action (HCA), Harris School of Public Policy   Chicago, IL
Client: The Black Star Project (TBSP)   *Jan 2024 - Mar 2024*
- Nonprofit consulting engagement focused on diagnosing operational inefficiencies and strategizing tailored business solutions for an after-school education program serving Black and Latinx students.
- Developed a program logic model and internal data strategy aligned with SMART objectives to improve performance monitoring and long-term impact measurement.

Center for Economics of Human Development, University of Chicago   Chicago, IL
Academic Initiatives Coordinator, Research Assistant   *Oct 2023 - May 2025*
- Organized and managed the CEHD webinar series, coordinating outreach and internal communications to promote CEHD research led by a Nobel laureate, and foster academic conversations within the university and with external affiliates.
- Assisted with center operations by developing and refining internal protocols and processes.
- Contributed to baseline comparison data analysis for the Comparison Project, examining home visiting projects for early childhood development and supporting informed decision-making.
- Finalized content review for early childhood development tip sheets for the Chicago Home Visiting Partnership Project.

International Food Policy Research Institute (IFPRI)   Washington D.C., USA
Intern (Remote)   *Jun 2021 - Sep 2021*
- Analyzed and evaluated 1,600 survey responses using Stata for assessing survey validity of women's training in Kenya.
- Authored and published a policy note to present the limitations of 290 indicators measuring women's empowerment and gender-sensitive data in water, sanitation and hygiene (WASH), synthesized research data in Microsoft Excel.

SKILLS

- Computer: R, Python, Stata, Github, SQL, Tableau, MongoDB, Neo4J, Airtable, Microsoft Office Suite
- Language: English (fluent), Korean (fluent), Spanish (elementary), Mandarin (elementary)