

Jaehyun Han

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EDUCATION

The Ohio State University – Bachelor of Science in Data Analytics (Social Science Analytics) and International Studies (International Relations and Diplomacy), graduated with research distinction *December 2020*

- **Undergraduate Thesis (2020):** Impact of Public Transit Access on Socioeconomic Disparity using Fixed Effects Regression Model on Panel Data in R (Research Advisors: Dr. Rudy Hightower and Dr. Jos C.N. Raadschelders)
 - **Capstone:** Analyzing scholarship data to predict potential donors using machine learning algorithms: multinomial logistic, ridge and lasso, PCR, decision trees, random forest, k-means, etc. (Sponsor: Office of Advancement, The Ohio State University)
 - **Study Abroad:** Foundation for International Education (Ireland and Jordan, Summer 2018; Conflict Resolution and Peace in Northern Ireland and the Middle East) and Korea University (South Korea, Summer 2017; International Law and Political Economy)
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WORK EXPERIENCE

Research Assistant

January 2022 – Present

iDeas Lab, **Center for Strategic and International Studies (CSIS)**

- Developed a webscraper for an open-source database using Python BeautifulSoup, conducted analytical research using data and qualitative information, and wrote and delivered research reports.
- Contribute significantly to the development of an [investigative research project series](#) on China's infrastructure development and military modernization.
- Serve as a data mentor for the [Journalism Bootcamp](#) and train graduate and undergraduate students on data journalism and visualization in policy reporting.
- Manage, train, and mentor research interns.
- Lead data part of Center-wide initiatives such as DEI surveys and a million-dollar fundraising project, as well as data-related meetings with external partners.
- Conduct data analysis for research projects and deliver comprehensive analysis reports with visualizations.
 - Examples: [“In the Shadow of Warships” by Matthew Funaiole, Brian Hart, and Joseph Bermudez](#), [“The China Shock: Reevaluating the Debate” by Scott Kennedy and Ilaria Mazzocco](#)

Market Intelligence Analyst Fellow

August 2021 – December 2021

Market Intelligence & Data Analytics, **Rev1 Ventures**

- Researched key industry markets, trends, and venture deals, formulated analytical reports, and produced strategic briefings.

Research Intern

January 2021 – July 2021

Korea Chair, **Center for Strategic and International Studies (CSIS)**

- Analyzed South Korean National Assembly electoral results and over 800 candidates' political stances, using R and logistic regression, and produced an analytical report.
- Researched North Korea's healthcare infrastructure and wrote a research briefing book.
- Produced weekly media coverage report and internal daily newsletter, translation, and ad-hoc based policy research and writing.

Research Assistant

November 2018–November 2019

Data Management Core, **Crane Center for Early Childhood Research and Policy**

- Officiated data pre-processing, verification and cleaning, and management for federal-funded projects, using SPSS, Qualtrics, Microsoft Excel, and TeleForm.

Intern

August 2018 – December 2018

Columbus International Program, **US Together, Inc.**

- Coordinated international programs and assisted foreign delegates and professionals visiting Columbus for business, professional development, and cultural exchange.
- Managed partner organizations from Rwanda and Bulgaria. Facilitated partnership opportunities between the partner organizations and local companies and various programs of the Ohio State University.
- Involved in annual review writing, website updates, grant writing and funding research, and fundraising.

Intern

June 2017– August 2017

@ International Affairs Team, **Korea Chamber of Commerce and Industry**

- Assisted dispatching an economic delegation for South Korea's former President Moon Jae-In's first visit to D.C.
 - Researched to prepare for the 2017 G20 Hamburg Summit. Researched partnering countries and their chamber of commerce, and major companies for future collaborative events and projects.
 - Coordinated international and domestic conferences with national representatives and companies.
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SKILLS AND QUALIFICATIONS

- Data analysis and visualization using **R, Python, Excel**
- Data visualization using **Datawrapper, Flourish, Tableau and RawData**
- Geospatial analysis using **ArcGIS and QGIS**
- **Java, C/++, SQL and DBMS, SPSS**
- Data Management, Data Mining, Probability, Statistical Inference, Statistical Modeling, Bayesian Decision Making, Systems Modeling and Optimization Analysis, Visualization, Geospatial Analysis, Geospatial Database Management
- **ITQ Information Technology Qualification** issued by Korea Productivity Center
- **Native Korean speaker**—Full professional fluency in Korean-English translation