

## Hyunjoo (Jay) Lee

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### **EDUCATION**

- 2021 – present Ph.D. Candidate, Political Science, University of Georgia  
2016 M.A. Political Science, Ajou University, Korea  
· Thesis “Security and Diplomatic Policy of the Chinese Communist Party in the post-Cold War period: Research on the 14-18th CCP Work Reports by Using Computer-assisted Text Analysis” Committee: Kim Heung-kyu (Chair), Moon Woo-jin, Lee Wang-hwi, Chung Tae-sun (Professor of School of Computer Engineering at Ajou University)  
2012 B.S. & Bachelor of International Studies, Korea University, Seoul, Korea  
· The 1<sup>st</sup> major: Environmental Science and Ecological Engineering, College of Life Science and Biotechnology /The 2<sup>nd</sup> major: International Studies (Double major)

### **RESEARCH & WORKS**

- 2022 – present U.S. Patent in Application (Ongoing)  
“Method for Constructing a Database Based on Ontology, Method for Responding to a User Query Using the Database, and System in Which the Methods are Implemented”  
2023 Patent in Korea (No. 10-2020-0152847)  
· “Method for Constructing a Database Based on Ontology, Method for Responding to an User Query Using the Database, and System in Which the Methods are Implemented”  
2016 “China’s Security Policy Orientations after the Cold War: Analyzing Linguistic DNA of the 14th-18th Party Congress Reports”  
2015 “The Changes of DNA in the Languages of China’s Foreign Policy After the Cold War: Analyzing the 14th-18th Party Congress Reports”  
2015 “China’s post-Cold War Security and Foreign Policy Orientations: Using a DaCD (DNA-based analysis for Compressive Discourse) model”

### **AWARDS, FELLOWSHIPS & RESEARCH GRANTS**

- 2023-2024 Ph.D. Candidate Instructor, teaching undergraduates Cybersecurity in International Relations, and Human Rights  
2022-2023 GLOBIS (Center for the Study of Global Issues), RA. Participating in the HRMI(Human Rights Measurement Initiative) project, usually in charge of the data written in Chinese

- 2020– present   Fulbright Scholarship
- 2016                Scholarship by Embassy of the People's Republic of China in Korea for being an Excellent Junior Researcher in Chinese Studies, \$ 2,500
- 2015                The 1<sup>st</sup> Prize, Academic Competition in Security Field among Graduate-level Students, Korea National Defense University, \$ 3,000  
                          · By a unanimous consent of referees for the first time in history of the competition, for the originality of a computer-assisted method for qualitative text analysis

## **RESEARCH INTERESTS**

Cyber Security and Trade, China’s decision-making process in foreign and security policy, Computer-assisted text analysis

## **SELECTED CONFERENCE & LEADERSHIP ACTIVITIES**

- 2016   Graduate-level Panel, the Korean Association of International Studies (KAIS), the 60th Summer Meeting  
          · Presenting an article entitled, “China's Security Policy after the Cold War: Linguistic Analysis on the CCP's National Party Reports”
- 2015   Invited for the 10th Cross-Strait Summer Research Workshop for Young Talents, National Zhengzhi University, Taiwan
- 2014   Invited by U.S. Congress and the Department of State, U.S. Congress - Korean National Assembly Exchange Program

## **COMPUTER SKILLS & QUANTITATIVE METHODS**

Python, R, Java, C (Programming Languages), Network Analysis in R and Python, Statistical Data Analysis

## **LANGUAGES**

Korean (Native), English (Duolingo Test Score: 130)<sup>1</sup>, Chinese (Intermediate)<sup>2</sup>

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<sup>1</sup> 135: Literacy, 140: Comprehension, 115: Conversation, 105: Production

<sup>2</sup> 新HSK 5級 (expired in 2017)