

(812) 272-3128  
Bloomington, IN  
leejojo@iu.edu

# Jongwon John Lee

**Data Scientist/Analyst & Backend Developer** [github.com/jongwoniee](https://github.com/jongwoniee) [linkedin.com/in/jongwonjohnlee](https://linkedin.com/in/jongwonjohnlee)

Blog: [Jongwon.net](https://jongwon.net)

[github.com/jongwoniee](https://github.com/jongwoniee)

[linkedin.com/in/jongwonjohnlee](https://linkedin.com/in/jongwonjohnlee)

## EDUCATION

<b>Master of Science in Data Science, Indiana University Bloomington</b>	<b>3.914 GPA</b>	<b>DEC 2022</b>
<b>Bachelor of Arts in Economics, Minor in Informatics, Indiana University Bloomington</b>		<b>MAY 2020</b>
<b>Bachelor of Arts in Global Economics, Sungkyunkwan University</b>		<b>MAY 2020</b>

## TECHNICAL SKILLS

**Languages** - Python: Data Science (8 years - Intermediate), Ruby, Ruby on Rails, Javascript: Web Development (8 years - Intermediate), Game Development (4 years - Intermediate)

**Tools** - AWS: Web Server, Cloud Computing (8 years - Intermediate), Unity: Game Development (4 years - Intermediate), Paraview: Visualization, 3D Modeling (1 year - Beginner), Statistics, Data Analysis (4 years - Beginner)

## TECHNICAL EXPERIENCE

<b>Social Media Community Identification and Analysis</b> <ul style="list-style-type: none"><li>Ongoing</li></ul>	<b>AUG 2022 — DEC 2022</b>
<b>Indiana Sales Analysis and Prediction</b> <ul style="list-style-type: none"><li>Ongoing</li></ul>	<b>AUG 2022 — DEC 2022</b>
<b>Research Project - 3D Customer Segmentation Visualization with Paraview</b> <ul style="list-style-type: none"><li>Feature exploration of customer segmentation data using 3D Visualization.</li></ul>	<b>AUG 2021 — DEC 2021</b>
<b>Research Project - Evaluating Textual Features and Oversampling for Automatic Stance Detection</b> <ul style="list-style-type: none"><li>Performed Natural Language Processing analysis on Twitter to research stance and sentiment.</li></ul>	<b>AUG 2021 — DEC 2021</b>
<b>Intern / Game Platform</b> <i>Smilegate</i> <ul style="list-style-type: none"><li>Performed Natural Language Processing analysis on Twitter and crawling on YouTube, Google and other relevant sources to promote the Platform.</li></ul>	<b>JUN 2017 — AUG 2017</b> <i>Pangyo, Korea</i>
<b>SKKOOLBUS - University Shuttle Bus Tracking Application Development and Leader</b> <i>Sungkyunkwan University</i> <ul style="list-style-type: none"><li>Performed market research, coordinate with school, GPS-based, 6000+ Downloads out of 10000 population</li></ul>	<b>NOV 2017 — MAR 2019</b> <i>Seoul, Korea</i>
<b>Back-end Developer and Leader / Course Evaluation and Search Service</b> <i>Likelion</i> <ul style="list-style-type: none"><li>Performed market research, planning, back-end development, and database management.</li></ul>	<b>OCT 2016 — MAR 2017</b> <i>Seoul, Korea</i>
<b>Economics Research Assistant / Indie Film Audience Prediction Project</b> <i>Sungkyunkwan University</i> <ul style="list-style-type: none"><li>Collected public data from Korean Film Council and Rotten Tomatoes and performed regression.</li></ul>	<b>NOV 2016 — MAR 2017</b> <i>Seoul, Korea</i>
<b>Sergeant / Military Police Investigator</b> <i>Korean Army/Yongsan US Army Garrison</i> <ul style="list-style-type: none"><li>Military Police / Directorate of Emergency Services (DES). Interview and screen visitors accessing the military post and escort official visitors.</li><li>Investigator / Criminal Investigation Command (CID). Simultaneous interpretation during field investigation and translate official statements and legal documents.</li></ul>	<b>MAY 2014 — FEB 2016</b> <i>Seoul, Korea</i>
<b>Interpreter Translator</b> <i>Freelancer</i> <ul style="list-style-type: none"><li>English-Korean Translation and Simultaneous Interpretation for Google Japan/Line Korea/E-prix/World Club Dome Korea</li></ul>	<b>AUG 2016 — Present</b> <i>Seoul, Korea</i>

## AWARDS AND RECOGNITION

<b>Omnisian.com / AWS Power User Best 3 / Amazon Web Service Korea</b> <ul style="list-style-type: none"><li>Natural Language Processing, Data Visualization, Python, Ruby on Rails</li></ul>	<b>AUG 2017</b>
<b>Indie-film Genie / Grand Prize / Sungkyunkwan University</b>	<b>DEC 2016</b>
<b>Nabla Puzzle Game with Unity / Smilegate Game Jam Best 3 / Smilegate</b>	<b>OCT 2016</b>
<b>Tost - English Academy Search Web Service / Likelion Hackathon 5th Place / Likelion</b>	<b>SEP 2016</b>
<b>Analysis of effect of Korean Legal Cap on Phone Subsidies / Grand Prize / Sungkyunkwan University</b>	<b>AUG 2016</b>
<b>Forest fire early detection and extinguishment tower with EV3 / Grand Prize, Patent / Sungkyunkwan University</b>	<b>AUG 2016</b>

## ACTIVITIES

Programming Club President and Tutor of Sungkyunkwan Univ. Branch, Likelion	<b>2016 — 2017</b>
Programming Tutor Volunteer for financially disadvantaged elementary school students, Gangnam District Office	<b>2017 — 2018</b>
Professional League of Legends Team Player at Indiana University Bloomington	