YUNBEOM LEE

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EDUCATION

University of Waterloo   **Waterloo, ON**
Studying Physics and Astronomy, Faculty of Science   *September 2018 – Present*
- University of Waterloo President's Scholarship (2019)

WORK EXPERIENCE

Chaired Labs   **Seoul, South Korea**
Data Analyst   *May 2024- August 2024*
- Collected and assimilated data from Gross Regional Domestic Product in Seoul and organized a master dataset utilizing gathered data
- Performed KNeighborsClassifier machine learning tool to predict the most essential factor that impacts GRDP
- Ranked the from highest to lowest of economic activity that influences GRDP
- Translated data-driven analysis into simple insights and utilized matplotlib to visualize graphical insights of data

Korean Augmentation to the United States Army (KATUSA)   **Pyeongtaek, Korea**
Human Resource Specialist (42A)   *Oct 2021- April 2023*
- Provided personnel support and assistance for 41st Signal Battalion, 501st Signal Company level Administrative Office
- Assisted KSC (Korean Service Corps Battalion) to execute clerical work with ease
- Prepared and maintained officers and enlisted personnel records
- Provided KGS (US Civilian workers) documents (ID, CAC, Pass, Decal) through memorandum

Beyond Tech   **Seoul, South Korea**
AI Data Annotator   *June 2021- September 2021*
- Annotated and label data using annotation tool
- Educated Apple's virtual assistant (Siri) and provide feedback for efficient labeling and to improve data quality
- Obtained consistent annotations through implementing annotation procedures
- Conducted linguistic analysis of annotation edge cases
- Translated English data to Korean and label using project guide

LEADERSHIP

Senior KATUSA   **Pyeongtaek, Korea**
41st Battalion KATUSA Leader   *July 2022- April 2023*
- Facilitated communication and understanding between U.S. and ROK military personnel
- Interpreted ROK Sergeant Major orders to lower ranked KATUSAs during meetings and joint operations
- Led 41st Battalion KATUSA personnel providing guidance and mentorship
- Maintained records of personnel assignments, training schedules, and equipment inventory
- Developed training programs to enhance language proficiency and military skills

Korean Student Association, University of Waterloo   **Waterloo, ON**
President of Korean Student Association   *September 2019- April 2020*
- Established and implemented the overall yearly association agenda by having bi-weekly meetings
- Developed budget and arranged financial budgeting affairs with on and off campus institutions
- Held events to introduce Korean cultures and values, and maintained cordial relations with all members

EXTRA CURRICULAR ACTIVIITES

Strange Hadron Production Data Analysis Project, University of Waterloo   **Waterloo, ON**
Data Analyst & Research Assistant   *August 2023*
- Managed and organized a large dataset, ensuring data integrity and availability for ongoing research

- Utilized statistical techniques, including model fitting and hypothesis testing (Two Sample t-Test) to find antibaryon-to-baryon ratios from Au + Au collisions in different energy levels.
- Presented the project results through python using matplotlib to indicate accurate graphs
- Maintained comprehensive documentation of data analysis methods using Overleaf

AWARDS & SKILLS

Camp Humphreys   **Pyeongtaek, Korea**

- KATUSA Training Academy Diploma   *December 2021*
- Letter of Appointment (Senior KATUSA)   *July 2022*
- Noncommissioned Officer Charge   *December 2022*
- Exemplary KATUSA Award   *December 2022*
- Military Manner Award   *April 2023*
- Certificate of Appreciation   *April 2023*

Skills

- Proficient in Microsoft Office, Python, R
- Fluent in Korean speaking and writing