

Yeajin Byun

+82 10-6430-3615 | yejnbn@gmail.com | <https://yjinaa.github.io> | <https://www.linkedin.com/in/yjinaa/>

EDUCATION

Inha University

B.S. in Industrial Engineering & Software Convergence Engineering
- GPA: 3.91 / 4.5

Incheon, South Korea

Mar 2017 - Feb 2023

EXPERIENCE

POSTECH Institute of Artificial Intelligence

Researcher

Intern

Text-to-Timbre

- Improved speaker embedding models through attention modules
- Generated and refined text - audio training data
- Developed architecture to achieve NF-based tasks with highly noisy, many-to-many data

Pohang, South Korea

Dec 2023 -

Oct 2023 - Dec 2023

Real Data

Researcher

- Developed educational materials on ML modeling for Woori Card
- Contributed to a big data analysis platform construction project at Shinhan Financial Investment Corporation
 - Converted a customer churn prediction model from SAS to Python
 - Performed customer segmentation and profiling
 - Created batch files
 - Utilized AWS Sage Maker Studio platform

Seoul, South Korea

Jan 2021 - Jun 2021

Intern

- K-Data Voucher Support Project
 - Conducted web crawling for NLP-based corporate Bankruptcy Prediction
 - Used the W2V algorithm to extract 20 similar words related to bankruptcy, which are used as one of the default prediction indicators
 - Participated anomaly transaction detection using RandomForest & K-Means algorithm

Jul 2020 - Dec 2020

Projects

Porotect

A protection Service Against Unauthorized AI Training

Sep 2023

IPO Journey Crawler

A web crawler that collects IPO data & first day trading data and organizes them

Dec 2021

Eye Flicker

Jan 2020

A program that distinguishes whether the eyes are closed or open

INHA Group for Problem Solving

Mar 2019 - Dec 2019

Prediction of movie attendance through big data analysis

- Conducted a project with C&B Multiplex
- Constructed a web crawler to collect movie reviews

AWARDS

Top Award, POSCO Youth AI · Big Data Academy, 2023

Pohang, South Korea

Awarded for top of the results of the AI project.

Excellence Award, POSCO Youth AI · Big Data Academy, 2023

Pohang, South Korea

Awarded for excellence of in Individual performance.

Excellence Award, I-GPS Practical Problem Research Contest IT Convergence, 2019

Incheon, South Korea

Awarded for excellence of the results of the project.

EXTRA-CURRICULAR ACTIVITIES

Gueltto

South Korea

Technical Blog Writing Group

Jul 2021 - May 2024

Student Council of the Department

Inha University, Incheon, South Korea

Treasurer

Jan 2019 - Dec 2019

- Elected as a treasurer for the department
- Facilitated weekly council meetings with the president to listen to students' opinions and prepared welfare plans
- Devised and managed overall budget proposals
- Prepared for the student council budget audit

International Regional Studies Program

University of California, Riverside, USA

Selected as one of 50 participants for the program

Jan 2020

RIVS, Busking Club

Inha University, Incheon, South Korea

Vocalist

2019

Educational Volunteer Club for Children

Inha University, Incheon, South Korea

Head of Student Affairs Team

Mar 2018 - Dec 2018

- Made kids' dance for children and performed it with them on Children's Day

CERTIFICATES

Big Data Analysis Engineer

Jul 2023

Korea Data Agency

빅데이터분석기사 / 한국데이터산업진흥원

Information Processing Engineer

Nov 2021

Human Resources Development Service of Korea

정보처리기사 / 한국산업인력공단

SKILLS

Programming

Language: Python

Libraries: PyTorch, Pandas, numpy, Scikit-learn, MYSQL, request, BeautifulSoup, etc.

Communication Strategy