

Yoon Kim

West Lafayette, IN · kyoonkim01@gmail.com · (650) 799-5776 · [linkedin.com/in/kyoonkim](https://www.linkedin.com/in/kyoonkim) · [kyeungyoonkim.github.io](https://github.com/kyeungyoonkim)

EDUCATION

Purdue University

Bachelor of Science, Applied Statistics

West Lafayette, IN

Jan 2023 - Dec 2024

Certification: Applications in Data Science Certification

Relevant Coursework: Statistical Theory, DS Labs on Probability, Applied Regression Analysis, Intro to Time Series

Foothill College

Associate in Science for Transfer, Mathematics

Los Altos Hills, CA

Apr 2021 - Dec 2022

EXPERIENCE

Purdue University

Undergraduate Researcher, CoLiberation Lab

West Lafayette, IN (Hybrid)

Aug 2024 – Present

- Designing and developing a web extension/plugin to improve accessibility for individuals with vision impairments and cognitive disabilities using JavaScript, HTML, and CSS
- Implementing a text-to-speech model to convert complex web content into simplified plain language for accessibility

Purdue University

Undergraduate Data Science Researcher, The Data Mine Department

West Lafayette, IN

Aug 2023 – May 2024

- Collaborated with Beck's Hybrids Inc. to identify key factors affecting seed quality and germination, showcasing teamwork while managing project timelines effectively
- Leveraged SQL to query and extract large data from historical production databases and visualize lab-based seed germination test results using Python

Laon People Inc.

Data Analytics Intern, R&D Department

Gyeonggi, South Korea

May 2023 – Jul 2023

- Analyzed image data for NAVI AI software, contributing to identification and classification of abnormal data, and conducted statistical response operating analytics
- Developed advanced data visualizations (Image balance, Aspect ratio and color distribution) of training image dataset for vision AI solution software program using Python
- Associated with a research team to provide verifying outlier analysis and response operating statistical modeling

INVOLVEMENT & AWARDS

Honors & Awards: ASA DataFest '24: Won Best Visualization (Purdue Univ.), **Dean's List** (GPA 3.5+): Every Semester (2021 – 2024)

Professional Memberships/Associations: American Statistical Association, Women in Big Data Mentoring Program, Tech Justice Lab

TECHNICAL SKILLS

Data Analysis/ETL: Python (Pandas, NumPy, Scikit-learn, SciPy, Statsmodels), R (ggplot2, dplyr, Tidyverse), Excel (Advanced Formulas, Macros, VBA, Pivot Tables), SQL (MySQL), SAS

Data Visualization: Tableau, Python (Matplotlib, Seaborn, Plotly), Excel (Charts, Dashboards)

Statistical Techniques: A/B Testing, Linear Regression, Logistic Regression, Hypothesis Testing, ANOVA, Time Series Forecasting, Clustering, Decision Trees, Statistical Modeling

Other Programming: Java, HTML/CSS, Shell Scripting, Perl, JavaScript

Certifications: Google Data Analytics Specialization (Coursera), IBM Data Analyst Professional (Coursera)

PROJECTS

Statistical Analysis: Google Play Store Data set | R, Kaggle

May 2023

- Designed statistical analysis (Hypothesis testing, ANOVA test) to understand Google Play store users' preferences using R
- Functioned as a team lead communication setting

Exploratory Data Analysis | Python (pandas, matplotlib, seaborn), Tableau, Kaggle

Mar 2023

- Conducted exploratory data analysis to uncover correlations and key indicators (e.g., factors influencing the Titanic disaster, merchandise preferences, and students' college choices)
- Developed visualizations to highlight trends and patterns, making insights accessible for non-technical audiences.