

Joshua K. Min

Email: jkmin3@illionis.edu | <https://joshuamin.netlify.app/> | GitHub: jkmin3 | LinkedIn: joshuak-min | Champaign, IL

Current university student aspiring to become a future Data Scientist. Seeking a research position in the field of data science that will broaden my knowledge in the domain and provide first-hand experience in the real world.

Education

The University of Illinois at Urbana-Champaign

Expected Graduation: May 2023

B.S. in Data Science (I.S.)

Cumulative GPA: 3.49/4.00

- **Relevant Coursework:** Concepts of Machine Learning, Data Science Exploration, Data Storytelling, Data Science, Linear Algebra for Data Science, Database Concepts and Applications, Programming for Data Science, Program for Info Problems, Research Design Info Science9
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Projects

Breadsmith Reviews NLP (Python)

May 2021

- Created sentiment analysis using different methods with an accuracy of 83% and obtained unique insights on Breadsmith reviews using a google API.

Wine Clusters (Python)

Apr 2021

- Created clusters from a dataset of wine to determine the producers of the products. Achieved a silhouette score of .57.

Fetus Health Prediction (Python)

Apr 2021

- Used many pipeline models through Scikit-Learn and tuned the Random Forest. Correctly predicted the health of fetuses with an accuracy score of 94 percent.

Predicting League of Legend Games (Python)

Jan 2021

- Created a Logistic Regression model using data from the first 10 minutes of games in diamond rank to predict the wins and losses of each game.
- Correctly predicted the games with an accuracy score of 73 percent.

Life Expectancy Predictor (Python)

Dec 2021

- Imported/cleaned historical data on each country's life expectancy to create a linear regression machine learning model that predicted the life expectancy.
 - Achieved an R2 score of .83.
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Work Experience

Breadsmith Highland Park, IL

Aug 2017 - 2022

- Worked various roles and hours to help the business run smoothly. Worked with 2-6 coworkers at any given time to be able to conduct business smoothly
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Skills

- **Hard Skills:** Python, R, SQL, Machine Learning, OOP, Data Visualization, API, AWS, Scikit-Learn, NumPy, Seaborn, Matplotlib, TensorFlow, Keras, ggplot2, Excel, Command Line, Git, and Version Control
- **Soft Skills:** Problem Solving, Flexibility/Adaptability, Teamwork, Communication, Time Management
- **Languages:** English, Korean (intermediate), Spanish (basic)
- **Hobbies:** Reading, Cooking, Videogames, Watching/Playing Sports