

# Hyo Sup Kim

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## WORK ELIGIBILITY

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**Authorized to work in the UK without sponsorship starting June 1st, 2025 via YMS**

## EDUCATION

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### University of Illinois at Urbana-Champaign

*Master of Science in Computer Science (Data Science)*

Champaign, IL

Aug 2022 - Dec 2024

- Relevant Coursework: Applied Machine Learning, Data Visualization, Text Information Systems

### University of Illinois at Urbana-Champaign

*Bachelor of Science in Statistics, Minor in Computer Science*

Champaign, IL

Aug 2018 - May 2022

- Relevant Coursework: Applied Regression and Design, Basics of Statistical Learning, Unsupervised Learning

## EXPERIENCE

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### Self-Employed

Roofing & Construction Analyst

Crystal Lake, IL

Feb 2017 - Apr 2025

- Responsible for the roofing and siding repairs of over 70 residences in the Chicagoland area over the span of 8 years
- Coordinated up to 4 teams simultaneously to work in different job sites, scheduled inspection meetings with insurance adjusters, ordered building materials in accordance to job scope and weather conditions
- Analyzed meteorological data with insurance policies to make data-driven business decisions to target neighborhoods for weather-related insurance claims
- Implemented cost-saving measures for leftover building materials post-project, reducing waste and saving the company approximately 8% in material costs

### ATLAS Internship Program

Web Developer (Senior Team Lead)

Champaign, IL

Aug 2019 - May 2022

- Responsible for mentoring a team of junior web developers working for the ATLAS program
- Rapid deployment of over 20 new websites for faculty and staff of the University of Illinois using cPanel, Drupal and WordPress
- Method of client presentations, note taking and professionalism adopted by ATLAS program itself to highlight individual student achievement

## PROJECTS

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### Spotify Artist Profile Analysis (GitHub: [Link](#))

- Implemented Python web application using Dash in conjunction with the Spotify and Genius API for analysis on artists, their discographies and sentiment analysis
- Data retrieval methods and processing pipelines were created to extract musical and lyrical content for further analysis and visualization

## LEADERSHIP EXPERIENCE & ACTIVITIES

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### UIUC Badminton For Fun

President

Champaign, IL

Aug 2018 – May 2022

- President of university's largest recreational sports RSO with over 200 members, responsible for coordinating with campus faculty for club activities and communicating with club members during COVID-19 era protocols

## SKILLS

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**Technical Skills:** Python, R, SQL, HTML/CSS, Excel, Tableau, Data Visualization, Data Analysis, GitHub

**Languages:** Fluent in English & Korean; Seal of Biliteracy in Spanish