SUNGHA KANG

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EDUCATION

Sep, 2023 - Aug, 2025 (expected)
MLIS, University of Washington
Master of Library and Information Science

Mar, 2019 - Aug, 2023
BLISc & B.Ec., SKKU (Sungkyunkwan University)
Magna Cum Laude
Bachelor of Library and Information Science
Bachelor of Statistics
Curriculum for Teaching Profession

WORK EXPERIENCE

Dec, 2022 - Aug, 2023
SKKU Institute for Knowledge and Information Management
Student Researcher
- Catalogued data with the bibliographic description of a library item and access point(entry)
- Reviewed scientific article and developed its features citations, keywords, metadata

Sep, 2021 - May, 2023
National Library of Korea
Librarian of Serial Storage
- Classified and managed (preserved) serial materials
- Helped patrons find and access the materials they need

Jun - Sep, 2022
National Assembly Library of Korea
Data Curator Assistant (Seasonal)
- Published serialmaterials data and catalogued records

Jun, 2022
SKKU (Sungkyunkwan University)
Undergraduate Teaching Assistant, Data Visualization
- Assisted with course preparation and provided one-on-one support

Jan, 2021
KISTI (Korea Institute of Science and Technology Information)
Data Curator Assistant (Seasonal)
- Established a science and machine learning database

PROJECT

Jan - Mar, 2024 (in progress)
Analysis of YouTube Virality with Content Categorization
Sungha Kang, Mahir Jain, Anuj Sinha, Megan Ly
- Categorizing the content type of specific YouTube channels and mapping it to the engagement including likes, comments, views, and shares.
- Analyzing the virality and popularity of YouTube contents

Sep - Dec, 2023
Interactive Cinema: A Comprehensive Exploration of History, Characteristics, and Metadata Schema
Sungha Kang, Micaela Duran
- Delved into the history, definition, and distinctive characteristics of interactive cinema as an interactive media, and suggested metadata schema segments to reflect on the interactivity

Sep - Dec,2022   **SKKU Economics Repository Website**
- Developed an Economics Repository website based on prior project insights, incorporating user-centric design and information architecture strategies (HTML, SQL, and Python)

Sep - Dec,2022   **Institutional Repository Redesign for SKKU**
- Redesigned SKKU's institutional repository, analyzing content and user needs, benchmarking other repositories, and developing an information architecture strategy to improve user comfort and search efficiency

Sep - Nov, 2022   **Information Architecture Critique**
- Conducted comprehensive critique and redesign suggestions for Seoul National University's institutional repository website, focusing on organizational structure, navigation, and user experience

Jun, 2022   **Exploring Software Professional Salary Trends in the Indian IT Sector: A Data Visualization Analysis**

Sungha Kang, Jeongin Choi, Yue Tong Chang
- Utilized the 'Software Professional Salary 2022' dataset from Kaggle to investigate salary dynamics among IT professionals in India
- Employed data visualization techniques to uncover insights into salary distributions and trends within the software and IT industries, contributing to a nuanced understanding of the Indian job market in these sectors

Jun, 2021   **Enhancing User Experience: Redesigning the CGV App through HCI Analusis**
- Employed human-computer interaction principles to redesign the CGV movie theater app, utilizing persona development, scenario analysis, and heuristic evaluation criteria
- Designed and evaluated a prototype, and proposed recommendations for improvement to enhance user satisfaction and attachment to the app interface

Sep - Dec, 2020   **Design and Analysis of Data Flow Diagram**
- Created and analyzed a comprehensive data flow diagram delineating the process flow and information exchange involved in an easy pasta recipe

Mar - Jun, 2020   **Development and Importance of Dataset Search Systems**
- Explored the evolution and significance of dataset search systems in response to the expanding information landscape driven by the internet, artificial intelligence, and the need for interconnected data resources

VOLUNTEER

Mar - Apr, 2023   **Good Neighbors**

Translator (kor - eng)
- Provided language support to individuals(donors & donor recipients) who want to exchange letters with others as a way of promoting cultural exchange and building relationships

Jan - Feb, 2022   **Seoul Changshin Elementary School**

Teacher
- Instructed Korean characters to students having cognitive dissonance with reading methods and linguistic game

Sep - Dec, 2021   **Seoul Eunvit Elementary School**

Teacher
- Provided individualized support to a learning misfit student

ADDITIONAL ACTIVITIES

Jun, 2022   **IDW 2022: International Data Week (Conference)**

Operation Support
- Provided communication and operational support to presenters, assisting with the organization of several key sessions, including the plenary address and panel discussion on building an open data and metadata standards

Apr, 2022   **Seoul Kyungshin High School**

Teacher (Teaching Practice)
- Facilitated a reading and discussion session on Michael Sandel's "Justice," using the PREP framework to encourage high school students to develop their own ethical perspectives
- Delivered a lecture to the 'data science club' on the transition and history of the concept of "information," generating interest and understanding in the field of information and data science among the students.

AWARD

2021   **Scholarship**, SKKU First Mover Scholarship for students with advanced achievements

2021   **Scholarship**, Jcubedata Scholarship for students with advanced achievements

2019   **Scholarship**, SKKU Scholarship for Academic Excellence

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