



Youngbeen Oh

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EDUCATION

University of Illinois Urbana-Champaign, Champaign, IL

August 2021-May 2023

M.S., Information Management

- GPA: 3.96/4.00
- Relevant Topics: Data Science, Data Analysis, Data Visualization, Data Warehousing
Information Modeling, Web Development, Web Management

University of Mississippi, Oxford, MS

January 2017-December 2020

B.B.A., Management Information Systems

- GPA: 3.74/4.00
- Honors: Chancellor's Honor Roll, Dean's Honor Roll, Cum Laude Graduate
- Relevant Topics: Database Management, System Engineering, Web Applications

PROFESSIONAL EXPERIENCE

Front-end Engineer Intern, T&I Co., Ltd, Republic of Korea

May 2019-August 2019

- Collaborated with an outsourcing vendor to upgrade visuals and graphic images, enhancing the UX and UI of the company's website
- Significantly boosted product inquiries by 80% through website enhancements, resulting in increased sales growth

PROJECTS

EZ University: Web development using Django App Frameworks - [Link](#)

January 2023-May 2023

- Designed and connected a relational database to the server using Django App Frameworks
- Built a course information website by installing Django web applications and improved various interaction functions using HTML with PyCharm software
- Implemented user access authentication to ensure that information accessed by each user is appropriately differentiated based on their login credentials

Gully Erosion Project: Data Analysis & Visualization - [Link](#)

January 2023-May 2023

- Developed Python-based sample models for efficient data analysis using primary data from a research paper on gully erosion
- Conducted data processing, analysis, model implementation, and result visualization (utilizing Seaborn, Matplotlib, Geopandas, and Rasterio) to gain valuable insights into gully erosion patterns

Dynamic of NYC: Data Analysis & Visualization

September 2021- December 2021

- Visualized the datasets from Kaggle by clustering New York City into different groups based on location and analyzing the traffic flow in and out of each cluster
- Predicted destinations for each area during different times of the day

Paper Goods Management InfoSystem: Web development using cPanel - [Link](#)

August 2020- December 2020

- Developed a website for a designed goods company, integrating a MySQL database managed through phpMyAdmin to handle data insertion, modification, and deletion
- Designed UX and UI using Bootstrap to provide a smooth user interface, and created an Android dashboard app that retrieves information from the website database

SKILLS

Core Programming

| Python • R • SQL • HTML • CSS • PHP • JavaScript

Data Science

| Numpy • Pandas • Seaborn • Matplotlib

Software

| PyCharm • Anaconda • RStudio • Tableau • SQLite • Microsoft SQL • GitHub • MS Office

Tools

| Git • R Markdown • Django • GoDaddy • Netlify • WordPress • Bootstrap

Language

| English (Fluent) • Korean (Native) • Chinese (Conversant)