

JEONG-WOO KO

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EDUCATION

UNIVERSITY OF MICHIGAN, ANN ARBOR –SCHOOL OF INFORMATION

ANN ARBOR, MI

Bachelor of Science in Information Science-Information Analysis, Senior

May 2020

- Cumulative GPA: 3.6 / 4.0
- Relevant coursework: Data Exploration, Data Manipulation, Data-Oriented Programming, Models of Social Information, Experiment Design and Analysis, Information Analytics Project, Building Interactive Applications

PROJECTS

JEWISH COMMUNITY CENTER DATA ANALYSIS & VISUALIZATION

ANN ARBOR, MI

Student Analyst, Information Analytics

Jan 2020– Mar 2020

- Analyzed JCC of Metropolitan Detroit customers data stored in client's SQL database to discover most and least profitable program
- Predicted Jewish population trends and movement in Detroit so JCC team create new program for their customers
- Foresaw customer segments with greatest potential for retention and fall off by using Python and SQL database

SAN FRANCISCO CRIME CLASSIFICATION & VISUALIZATION

ANN ARBOR, MI

Student Analyst, Data Exploration – Kaggle Competition

Oct 2019 – Dec 2019

- Utilized machine learning techniques to classify and predict what category of crime took place given location
- Classified 880k rows of geospatial crime data by district, date, and category with Python using Pandas
- Visualized random sample of 50,000 San Francisco Crime records on interactive map with Python using Folium

ENGLISH PREMIER LEAGUE DATA ANALYSIS & VISUALIZATION

ANN ARBOR, MI

Student Analyst, Data Manipulation

Mar 2019 – May 2019

- Analyzed EPL teams' 06/07 season to 17/18 season records and players' individual records to sort top players
- Manipulated 627 players data from JSON file with Python to discover individual's strengths based on their positions
- Visualized players strong points such as accuracy of pass and number of goals into horizontal bar chart with using Matplotlib

BUILDING INTERACTIVE WEB APPLICATIONS

ANN ARBOR, MI

Student Web Developer

Jan 2019 – May 2019

- Created web applications using Python and HTML with Django
- Developed back end related work interface using Linux command line
- Built and used JSON based APIs and used them in web applications

PROFESSIONAL EXPERIENCE

FEELUX

SEOUL, SOUTH KOREA

Intern; Research and Development Team

June 2019 – Aug 2019

- Merchandised \$1500 of light components with Shenzhen Heiman Technology Co., Ltd, through market research
- Constructed light components managing tool using Excel so that light developers can classify products easily

SK GAS

AN-SAN/PYEONG-TAEK, SOUTH KOREA

Intern; Management Team

Sep 2014 – Mar 2015

- Documented daily gas turn-over data and organized sales and costs account sheets for executive reports
- Discussed clients' volume of transactions through monthly meeting to analyze profitability

LEADERSHIP

MICHIGAN SOCCER TEAM & SOCCER ANALYTICS SOCIETY

ANN ARBOR, MI

President

Aug 2018 - Present

- Supervised 60 undergraduate students as president of Michigan soccer team
- Arranged first Wolverine tournament cup inviting 8 university soccer teams in Ann arbor

HABITAT FOR HUMANITY

SUFFERN, NY

RCC Club Officer, Volunteer

Jan 2016 – May 2018

- Coordinated with RCC club participants to promote and organize monthly house-building trips for those in need
- Organized in-school fundraisers for hurricane victims and donated via Habitat for Humanity's Habitat Hammers Back program

THE NIKE CUP 247, THE NIKE MOST WANTED

SEOUL/DAEGU/BUSAN, SOUTH KOREA

Referee, Marketing Staff

May 2015 – Sep 2015

- League referee of regional Nike pre-professional soccer tournament
- Supervised over 600 league participations and introduced Nike products to them

SKILLS: Python with NumPy and Pandas, SQL, R, HTML/CSS, Java Programming, Excel, Linux, IBMSPSS

INTERESTS: Deep Learning, New York City FC, Aikido, Clarinet, Singing, Creativity in Advertising, Wine, Traveling