

Jinwoo (Roy) Yoon

Berkeley, CA 510-813-2616 [E-Mail](#) [LinkedIn](#) [Github](#)

EDUCATION

University of California, Berkeley

College of Letters and Science

B.A. in Data Science Major (Domain Emphasis on Business & Industrial Analytics)

Berkeley, California

Expected Graduation : **May 2023**

Cumulative GPA : **3.30**

- **Relevant Coursework:** Statistical Inference, Probability for Data Science, Foundations of Data Science, Computational Structures in Data Science, Data Structures, Principles & Techniques of Data Science, Business Analytics, Introduction to Machine Learning and Data Analytics
- **Leadership Award - Cal Alumni Association of UC Berkeley** **August 2018**
In recognition for demonstrating innovative, initiative-driven leadership impacting their academic or community environments. In Fall 2018, Cal Alumni Association received around 9,000 applications and welcomed 665 recipients.

PROJECT

Visualization of Homeless People in the United States

June 2021 - August 2021

- Observed the number of homeless people in the United States through Bubbles, Map, Side-by-Side Bar Chart, and Stacked Bar Chart with the usage of Tableau. Compared the number of homeless with filters on State, Year, and Categories

Prediction on Scores by UC College Basketball Players

February 2021 - May 2021

- Compared R-squared, MSE, and MAE of Machine Learning Regression Models: OLS, Decision Tree, Lasso, Ridge, and Random Forest with a dataset of UC basketball players' stats. Then predicted scores based on the most accurate model

Predictions on the Confirmed and Death COVID-19 cases

March 2020 - May 2020

- Constructed the best linear regression model with Python(Matplotlib, NumPy, Pandas, Seaborn, and Scikit-learn), and predicted the number of confirmed and death cases with statistical modeling and analysis

EXPERIENCE

Bank of America

Plano, Texas

Software Engineer Intern

June 2022 - August 2022 (Current)

- Working as a part of iOS development team to enhance quality of transferring money with usage of Swift code

Republic of Korea Army

Seoul, South Korea

Squad Leader & Administrative Specialist at Reserve Forces Command

October 2020 - April 2022

- Supervised other soldiers and responsible to call up and manage hundreds of reserve forces for annual trainings
- Successfully committed to assist at COVID-19 screening stations and vaccination centers

University of California Berkeley

Seoul, South Korea (Remote)

Undergraduate Student Researcher

February 2021 - May 2021

- Visualized the locations of the trademarks on maps through usage of DataWrapper
- Cleaned datasets of trademarks owned by Native American tribes through usage of Python

E-Three

Seoul, South Korea

Data Assistant

July 2020 - September 2020

- Input 2,400 data of environmental impacts by public facilities on people to improve the quality of people's lives
- Prepared and maintained documentations, plans, reports, databases, spreadsheets etc. to support Software Development Team

SKILLS

Languages: Python, Java, SQL, NoSQL, R, Swift

Databases : PostgreSQL, MySQL, MongoDB

Libraries : Pandas, NumPy, SciPy, SciKit-learn, Matplotlib, Seaborn

Data Visualization : Power BI, Tableau, Data Wrapper

Softwares : Jupyter Notebooks, Microsoft Office(Excel, Word, Powerpoint, Outlook), Github, R-Studio, IntelliJ IDE, Xcode, Jenkins