

SUNNY (SUNG HEE) HONG

Mobile : (213) 507 - 3125 - Sungheehong@ucsb.edu - 6512 Segovia Road #215 Goleta , CA 93117

SKILLS AND ABILITIES

- Good work ethic, influential leader, motivated team builder, and a dedicated team partner
- Proficient: R, RMD, Machine Learning Skills(Regression)
- SKilled: , Python, Machine Learning Skills (Topic Modeling, Random Forest, Bayesian Inference, Natural language processing),Tableau, PowerBI, Github

ACADEMIC PROFILE

University of California, Santa Barbara

B.S in Statistics and Data Science
Graduation Date: 06/2020

Relevant Courses: Regression Analysis, Introduction to Linear Algebra, SAS Base Program, Bayes Analysis, Time Series

EXPERIENCE

UCSB, Department of Geography (Santa Barbara, CA)

Undergraduate Research Assistant | R, SQL | February 2020 - Present

- Utilizing SQL and R for large scale data cleaning and data manipulation
- Formulating reusable R codes
- Presented on "How to use Github"

Channel Islands YMCA Association (Santa Barbara, CA)

Data/Database/IT internship | R, Python, Power BI, Tableau, MapBox | August 2019 - Present

- Designing an Interactive Map with Power BI through data driven decisions
- Working with directors from different departments to further advance the project
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PROJECTS

Time Series : Climate Change

R | February- present

- Forecasting a model to predict climate change in India

Impact Map with YMCA

R, Python, Tableau, Power BI | June 2019 -present (on hold)

- Designing and problem-solving ways to make a meaningful and impactful map to communicate with YMCA donors.
- Web Scraping data from the internet & data cleaning : Libraries : urllib
- Topic Modeling with Top30 and Bottom30 non-profit organization's website
- To be up on the Channel Islands YMCA Website

APPSolutely Successful (Trending Apps)

R, Python, Tableau | Sept 2018 - Showcase (April 17, 2019)

- Successfully cleaned and visualized Data to make thought-through decisions for the modeling process
- Used machine learning techniques such as Multiple Regression and Random Forest to predict the values that constructed a trendy Android App
- Presented during UCSB Data Science Showcase 2019

LEADERSHIP EXPERIENCES

Data Science Club (UCSB)

Marketing Officer | June 2019 - Present
Club Member | Sept 2018 - May 2019

- Team leader for the project 'APPSolutely Successful'
- Inreach and outreach marketing for the club through social media and organizing events

Epic Movement Club (UCSB)

Women's Team Leader | Sept 2018 - Present
Community Team| Sept 2017 - June 2018

- Leading upperclassmen women by preparing for weekly talks, studies, discussion, activities based on biblical context.

Wildwood Summer Mission (New Jersey, UCSB)

Student Staff | June- July 2018
Participant | June-August 2017

- Raised approximately \$4,000 each summer
- Lead sweater fundraiser with 6 other students and raised \$3,200