Luigi Magdamit

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SKILLS & INTERESTS

- **Languages:** R, Python, Java, JavaScript, C++, C#, HTML & CSS, SQL
- **Libraries:** NumPy, SciKit-Learn, Keras, React.js, React Native, ggplot2, matplotlib
- **Machine Learning:** Linear Regression, Logistic Regression, KNN, SVM, Decision Forests, Data Visualization, Text mining, Neural Networks, Natural Language Processing (NLP)
- **Data Science Skills:** Tableau, Excel, Ad hoc analysis, dashboarding, relational database, business intelligence

EDUCATION

University of California, Los Angeles (UCLA)   **December 2022**
BS Degree in Statistics, GPA: 3.2   *Los Angeles, CA*

Norco College   **August 2018 - June 2020**
Transfer student with Computer Science coursework, GPA: 4.0   *Norco, CA*

RELEVANT COURSEWORK

- Data Structures and Algorithms
- Computation & Optimization
- Web Development & GIS For Social Change
- Practice of Statistical Consulting
- Data Analysis & Regression
- Statistical Models & Data Mining
- Computational Statistics
- Geostatistical Analysis
- Object Oriented Programming

RELEVANT PROJECTS

UCLA Statistics Undergraduate Capstone Project - Real Estate Business Intelligence

- Collaborated with peers in performing an **exploratory data analysis, statistical inference, and application of machine learning models** on real estate data **using R**
- Inspecting variables that could correspond with sell time of real estate listings
- Assembled a **spatial analysis in R** to visualize the variance in the selling time against their geographical positions through variogram functions

Athenaeum Mobile Application

- Designed a library mobile application from the ground up utilizing **JavaScript, React Native, Google Firebase and React-Redux**

Web Development & GIS For Social Change Project

- **Assembled a mapping website** to examine the experiences of Asian-Americans in the UCLA Community during the COVID-19 pandemic, with **JavaScript, HTML, CSS, Leaflet and Google Sheets API**

Spotify Exploratory Data Analysis & Machine Learning Modeling

- Conducted an **exploratory data analysis** and **ML modeling with random forest regression** on Spotify's Top 100 songs from the years of 2010-2019 through **R**

WORK EXPERIENCE

Front End Developer   **July 2018**
Self-Employed   *Los Angeles, CA*

- Assembled a small business website for client utilizing JavaScript, and React.js (Link)

Assistant Coach   **August 2019 - September 2021**
Centennial High School   *Corona, CA*

- Oversaw the training of 15-20 Junior Varsity & 20-30 Varsity swimmers
- Supervised high school students in following high school guidelines
- Assisted and educated swimmers in reaching their goals for the sport

Lifeguard   **September 2021-December 2021**
UCLA Recreation   *Los Angeles, CA*

- Operated aquatics facilities on the UCLA campus while enforcing national and local safety guidelines