

# Omar Torres

Berkeley, CA | P: +1 3236489431 | [torres.omar@berkeley.edu](mailto:torres.omar@berkeley.edu) |  
[www.linkedin.com/in/omar-torres-ucb](https://www.linkedin.com/in/omar-torres-ucb) | [otm639e.github.io](https://otm639e.github.io) | [github.com/Otm639e](https://github.com/Otm639e)

## Education

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**University of California Berkeley – California, USA**

*August 2019*

B.A., Data Science

Minor: Computer Science

### Relevant Courses:

- Foundations of Data Science, Principles of Data Science, Linear Algebra for Data Science, Structure and interpretation of Computer Programs (4 python projects), Data Structures (4 java projects), Discrete Math and probability.

## Recent Projects

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### Email Classifier

*Nov 2021-Dec 2021*

- Constructed a Classifier to distinguish between spam and non-spam emails using feature engineering and logistics regression.

### Stock Market Analysis

*Dec 2021-Present*

- Performed EDA on Stock Market data from Yahoo in order to create a linear regression model trying to predict future stock prices.

### Unemployment Rates and Covid

*Dec 2021*

- Analyzed, transformed, and organized Covid-19 data and unemployment data across all counties in the US to discover how correlated Covid-19 was with unemployment rates. Performed Exploratory Data Analysis, Data Cleaning, and Modeling.

### Sorter

*Jan 2020*

- Designed and created a project for students starting to learn algorithms by using visual unsorted bars and demonstrating how different sorting algorithms would sort the bars.

### CollegeKitchen

*Jan 2021*

- Creating a website where people get the chance to demonstrate their culinary talents. This is a full-stack application using React JS, Express JS, Node JS, CSS (Sass), and the google sign in Library.

## LEADERSHIP

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### iTOT – Berkeley, California

*Executive Member and Front-end Developer*

*Dec 2019 – Aug 2021*

- Help coordinate and organize various events to help our organization grow, generating 200% more interest from public schools wanting to work with our organization.
- Fill out funding applications that have contributed to 100% of our funding.
- Reach out to public schools that may be interested in working with our organization leading to our current 200% increase in school interests.

### College Center – Los Angeles, California

*College Ambassador*

*Jun 2018 – Jun 2019*

- Facilitated and advised high school seniors to fill out college applications, FAFSA applications, and different scholarships to better their college experience leading to an 80.4% graduation rate which was a 6% increase from the previous year.

## Accomplishments

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- HSF Scholar
- Hearthstone Scholarship Recipient

## ADDITIONAL

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**Technical:** SQL, Javascript, HTML/CSS, Java, Python 3, MongoDB

**Languages:** Fluent in Spanish and English

**Certifications & Training:** React, Node Js

**Other:** Numpy, Pandas, Matplotlib, Seaborn, Sklearn, Git, React, Node, SASS, Restful API, Express JS, Adobe XD