

# OZGUR CETINOK

Los Angeles, CA

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## EDUCATION

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### UCLA ANDERSON SCHOOL OF MANAGEMENT

Los Angeles, CA

#### *Master of Science in Business Analytics (MSBA)*

Expected December 2019

- **Coursework:** SQL and Data Management, Machine Learning, Customer Analytics, Operations Analytics
- Anderson Merit Fellowship

### UNIVERSITY OF CALIFORNIA, LOS ANGELES

Los Angeles, CA

#### *Master of Applied Economics (MAE) – High Honors List*

June 2018

- **Coursework:** Applied Data Science, Data Analytics & Big Data, Statistics & Econometrics
- Capstone Project: Applying artificial intelligence (AI) algorithms to extract narratives from text. Utilized unsupervised machine learning techniques such as k-means clustering to classify articles and resolve a broad range of economic problems.

### BOGAZICI UNIVERSITY

Istanbul, Turkey

#### *Bachelor of Science in Industrial Engineering – Dean's Honors List*

June 2017

- **Coursework:** Operations Research, Statistical Forecasting & Time Series, Systems Simulation, Data Structures & Algorithms
- Treasurer of University Sports Committee managed \$100K budget; worked with Chancellor and Dean of Student Relations.
- Undergraduate Thesis awarded to present at German Operations Research Conference in Berlin.

## TECHNICAL SKILLS

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**Languages:** Python (numpy, pandas, tensorflow, sklearn, statsmodels, seaborn), R (ggplot, caret, randomForest), SQL, C, C++, LaTeX

**Software:** Excel, Tableau, GitHub, NetLogo, GAMS, Adobe PS, Alteryx

**Web Applications:** Distributed ML Frameworks, JavaScript, React, Next.js, Smart Contracts, Solidity, Web3, HTML, CSS

**Additional:** Bilingual English/Turkish, intermediate Spanish and German; F1 STEM OPT Visa

## PROFESSIONAL EXPERIENCE

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### WASSERMAN

Los Angeles, CA

#### *Data Science Intern*

January 2019-March 2019

- Cleaning and maintaining sports events dataset using AWS, MySQL and Alteryx. Leveraging Tableau and other visualization tools to identify unique and actionable insights related to the advertisement targeting in sports marketing.
- Creating Python scripts for calling APIs. Performing quick-turn quantitative and statistical analysis on structured data sets using Python. Applying feature engineering techniques for challenges related to unstructured data analysis.

### CITY OF LOS ANGELES

Los Angeles, CA

#### *Data Analytics Volunteer, Data Angels Project*

October 2018-February 2019

- Leveraging python to test program effectiveness of after school program services and understanding how to increase program utilization. Using A/B testing, regressions and geospatial analysis methods.
- Creating a centralized data repository for Housing Authority of LA.
- Preparing interactive maps in Tableau with filtering options showing descriptive statistics in graphs and charts.

### SIEMENS

Istanbul, Turkey

#### *Production Intern*

June 2016-July 2016

- Gained experience in Operations and Product Lifecycle Management. Analyzed production process of low and medium voltage switchgears to detect the efficiency of production cycles.
- Established new production process in conjunction with senior engineers to reduce downtime of production lines by 6%.

## PROJECTS

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### CITY OF LA / ACCENTURE DATATHON

Los Angeles, CA

#### *Semi Finalist*

October 2018

- Analyzed the payroll data for the City of LA using R and Python, and built a panel regression model for 2018 payroll based on the historical data.
- Built an interactive dashboard using Tableau and provided recommendations for minimizing overtime costs and increasing employee productivity.

### TWO SIGMA- USING NEWS TO PREDICT STOCK MOVEMENTS

Los Angeles, CA

#### *Kaggle*

December 2018

- Cleaned and analyzed market and news data sets using visualization and analytics tools in Python.
- Implemented Light GBM, gradient boosting framework that uses tree based learning algorithm to predict stock movements with 60% accuracy.