

Contact

www.linkedin.com/in/turgutozkan
(LinkedIn)

Top Skills

Data Science
Statistics
Machine Learning

Languages

English (Full Professional)
Spanish (Elementary)
Turkish (Native or Bilingual)

Certifications

POSTGRES for Data Engineers
Google Cloud Platform for Machine Learning Essential Training
Data Engineer
Dynamic Modeling
Machine Learning with TensorFlow on Google Cloud Platform

Honors-Awards

James N. Morgan Fund for New Directions in Analysis of Complex Interactions
Research Grant on Predicting Recidivism
Best Student Paper Competition Award (Second Place with a co-author)
Best Graduate Student Paper Award
Best Graduate Student Paper Award

Publications

For various publications in various journals, please click on "See Publications."

Turgut Ozkan

Data Scientist at Happy Money
Orange County, California Area

Summary

I have a doctoral degree in social sciences and hands-on experience in data science regarding real-world problems. For years, I have quantified human behaviors and report /present my findings in visual forms.

Specialties:

- Programming in Python, R, Google Cloud Platform, AWS, big data, Scikit-learn, Keras, advanced data analytics, predictive modeling, Numpy, Pandas, Mathplotlib, Nltk, and data mining and data visualization.
- Deep understanding on ML algorithms and their usage including deep learning (CNN, RNN, LSTM), TensorFlow, natural language processing, SpaCy, Gensim, A/B Testing, databases (Postgres, MySQL, SQL Server), and Pymc3.
- Statistical inference, statistical analysis and ability to draw actionable insights and conclusions to inform model development and business decisions.
- Proficient in analyzing data and developing machine-learning models, including time series forecasting, regression, classification, clustering, Monte-Carlo sampling, and Bayesian inference.
- The ability to construct forecasts, recommendations and strategic/tactical plans based on business data and market knowledge.
- Real-world model building experience to inform data-driven decisions. Various data science implementations are available at www.turgutozkan.org.
- Creative personality with strong communication and presentation skills.
- 5+ years of experience in analyzing data and/or building analytical models.

Experience

Happy Money

Data Scientist

September 2019 - Present (7 months)

Orange County, California Area

Apple

Data Scientist

March 2019 - September 2019 (7 months)

Bay Area, California

I worked at Apple through GlobalSync and contributed to their model building efforts by providing innovative solutions. I optimized these efforts using Apple's own cloud computing resources.

Santa Clara University

Lecturer

September 2018 - June 2019 (10 months)

Santa Clara, CA

I taught Business, Society and Technology and Research Methods classes while leading a project supported by the State of Florida on using machine learning to identify sex offenders.

Insight Data Science

Insight Data Science Fellow

June 2018 - September 2018 (4 months)

Palo Alto, CA

Arkansas State University

Assistant Professor

August 2017 - July 2018 (1 year)

I taught Research Methods class and conducted various research projects on antisocial human behaviors using a blend of traditional statistics and machine learning methods.

University of Texas at Dallas

2 years 8 months

Instructor of Methods of Quantitative Analysis

May 2016 - August 2017 (1 year 4 months)

Dallas, TX

I taught Introduction to Quantitative Methods class. I inspired some of my students to have data-related roles from business analyst to data scientist upon their graduation. I conducted a machine learning project funded by Charles Koch Foundation.

Graduate Teaching Assistant

January 2015 - May 2017 (2 years 5 months)

Dallas, TX

I had an active research agenda. I was lucky to publish my first scientific paper as a solo author in a prestigious journal in my first year of doctoral study. I have won national student research competitions three times (two as first place and another as a second place).

Government

Security Analyst

September 2004 - June 2012 (7 years 10 months)

Education

The University of Texas at Dallas

Doctor of Philosophy (Ph.D.), Criminology (Quantitative Focus) · (2012 - 2017)