

HAYDAR EVREN

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WORK EXPERIENCE

Akuna Capital Boston, MA
Incoming Junior Quantitative Developer Sep. 2022

Boston College Chestnut Hill, MA
Doctoral Researcher & Instructor, Department of Economics Sep. 2016 – Aug. 2022

- Utilized graph theory, statistics, and Python to create an algorithmic solution for affirmative action problem.
- Primary Instructor: Big Data Econometrics (Graduate Level), Machine Learning for Economics, Econometrics (Graduate Level), Forecasting Techniques (Graduate Level), Microeconomic Theory, Principles of Economics

The Data Incubator New York, NY (Remote)
Data Science Fellow, Data Science Bootcamp (3% of Ph.D.s accepted) Sep. 2021 – Nov. 2021

- Utilized NLP, transfer learning, deep learning, and Flask to build a beer search engine in a fully deployed web app.
- Built a stock analysis web app that retrieves data from Alpha Vantage and creates financial analysis using Bokeh and Flask.
- Utilized Python, scikit-learn, SQL, Spark, Keras, and BeautifulSoup to design and implement 7 data science projects.

dData Cambridge, MA (Remote)
Data Science Intern, Fintech Startup at Harvard Innovation Lab Jun. 2021 – Aug. 2021

- Utilized R and AWS to implement machine learning techniques for the nowcasting of economic indicators.
- Led the project for pilot countries and improved several tasks in the pipeline.
- Tasks included: multivariate time series imputation, supervised dimensionality reduction, time series forecasting

Revolutionary Integration Group Bethany, CT (Remote)
AI/ML Software Engineer Intern Jun. 2021 – Aug. 2021

- Utilized Python and TensorFlow to develop the backend of a mobile web app that enables fast, touchless entry to venues.
- Automated visual verification, data extraction, and fraud detection.
- Tasks included: face verification, text extraction for ID cards, data validation, dynamic trust level assignment

EDUCATION

Boston College Chestnut Hill, MA
Ph.D. in Economics 2022
M.A. in Economics 2018

The Data Incubator New York, NY
Data Science Certification – Fellowship Program 2021

Bogazici University Istanbul, Turkey
B.S. in Electrical Engineering & Mathematics (Double Major) 2014

TECHNICAL SKILLS

Languages : Python, C++, R, SQL, HTML/CSS

Framework/Tools : Scikit-Learn, PyTorch, TensorFlow, PySpark, H2O, AWS, Docker, Unix, Git

Machine Learning : Regression, Classification, Ensemble Methods (XGBoost, Random Forest), NLP (Word2vec, BERT), Deep Learning, Feature Engineering, Reinforcement Learning, Time-Series Analysis, A/B Testing

AWARDS AND ACTIVITIES

- Dean of Summer Session Teaching Fellowship Award from Boston College, 2022
- Donald J. White Teaching Excellence Award from Boston College, 2021
- 2nd place in National Math Olympiads & Member of Turkish Team at International Mathematical Olympiads, 2008