

# HAYDAR EVREN

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## WORK EXPERIENCE

### Akuna Capital

*Junior Quantitative Developer*

Boston, MA

Sep. 2022 - Present

### Boston College

*Doctoral Researcher & Instructor, Department of Economics*

Chestnut Hill, MA

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

*Data Science Fellow, Data Science Bootcamp (3% of Ph.D.s accepted)*

New York, NY (Remote)

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

*Data Science Intern, Fintech Startup at Harvard Innovation Lab*

Cambridge, MA (Remote)

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

*AI/ML Software Engineer Intern*

Bethany, CT (Remote)

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

*Ph.D. in Economics*

Chestnut Hill, MA

2022

*M.A. in Economics*

2018

### The Data Incubator

*Data Science Certification – Fellowship Program*

New York, NY

2021

### Bogazici University

*B.S. in Electrical Engineering & Mathematics (Double Major)*

Istanbul, Turkey

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