



İlayda Çelenk

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EDUCATION

Jan 2020 - Sep 2023 **M.S in Industrial Engineering**
Bogazici University, Istanbul, Turkey GPA: 3.50/4.00
Improving Wind Power Forecasts: Integrating Adaptive Histogram of Oriented Gradients and Multiple Numerical Weather Forecasts

Sep 2013 - Jan 2019 **B.S with Honors in Mathematics**
Bogazici University, Istanbul, Turkey GPA: 3.13/4.00

Jan 2018 - June 2018 **Exchange Program**
Aarhus University, Aarhus, Denmark

ACADEMIC EXPERIENCES

Apr 2021 - Present **Research & Teaching Assistant**
Bogazici University, Industrial Engineering Department
Statistical Inference, Statistical Forecasting and Time Series,
Statistical Learning for Data Mining, Operations Research I-II
See the [Complete List](#)

WORK EXPERIENCES

June 2017 - Aug 2017 **Cast Member, The Walt Disney International College Program**
Work&Travel

- Assisting the visitors at the store
- Responsible of the cash register

Feb 2017 - June 2017 **Trade Marketing Intern, Vodafone TURKEY**
Youth Segment

- Published daily and monthly sales reports of the youth segment
- Participated in team meetings with various departments
- Followed incentive processes
- Attended Vodafone Roadshow 2017 in Gaziantep and Istanbul

Aug 2016 - Sep 2016 **Finance Intern, Zorlu Energy Group**

- Prepared reports on daily financial states of Zorlu companies
- Controlled financial accounting reports
- Analyzed the bank contracts
- Followed daily processes with banks

SKILLS

Languages Turkish(Native), English(Fluent), French(Elementary)

Programming Languages C, R, Python, Gams (See ilaydacelenk.github.io for details.)

CERTIFICATES

- June 2019 - July 2019 *Big Data and Business Analytics Certificate Program*
Mindset Institute, Istanbul Technical University
- Python, R, SQL
 - Machine Learning Algorithms
 - SPSS Modeler and Knime

PROJECTS

- December 2018 *Annual Income Prediction*
Final project for Special Topics in Information Systems course
- Analysis of the effect of numerical and categorical variables on the annual income level of a person
 - Exploration, Modeling, Evaluation using Python
- August 2019 *Loan Approval Prediction*
Project for Big Data and Business Analytics Certificate Program
- Data Preprocessing, Visualization, Missing Value Imputation
 - Resampling, Feature Analysis, Modeling using Python
- September 2020 *Bogazici University IE48A*
Assignments for Sp. Topics in Essentials of Data Analysis course
- Analysis of datasets on RMarkdown using R packages like Shiny, dplyr, ggplot2

HONORS, REWARDS & SCHOLARSHIPS

- Jan 2010 - Dec 2012 The Duke of Edinburgh's International Award: Bronze, Silver
- Sep 2012 Public school renovation organized by TIKAV
- Sep 2014 - June 2018 Tübitak Undergraduate Scholarship Program 2205

EXTRACURRICULAR ACTIVITIES

Organization Team Member, Management & Economics Club,
Bogazici University
Horse Riding Club, *Bogazici University*

REFERENCES

Mustafa Gökçe Baydoğan, Ph.D. Associate Professor, *Bogazici University* (M.S Supervisor)
email: mustafa.baydogan@boun.edu.tr
Kuban Altinel, Ph.D. Professor, *Bogazici University*
email: altinel@boun.edu.tr
Refik Güllü, Ph.D. Professor, *Bogazici University*
email: refik.gullu@boun.edu.tr