



# İlayda Çelenk

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## EDUCATION

Jan 2024 - Ongoing **PhD in Industrial Engineering and Innovation Sciences**  
*TU/e, Eindhoven, Netherlands*

Jan 2020 - Sep 2023 **MS 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 **BS in Mathematics**  
*Bogazici University, Istanbul, Turkey* GPA: 3.13/4.00

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

## ACADEMIC EXPERIENCES

Jan 2024 - Ongoing **PhD Candidate**  
*TU/e, Industrial Engineering and Innovation Sciences Department, Eindhoven, Netherlands*

Apr 2021 - Jan 2024 **Research & Teaching Assistant**  
*Bogazici University, Industrial Engineering Department, Istanbul, Turkey*

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**  
*Florida, U.S.A*

Work&Travel  
• In-store staff member

Feb 2017 - June 2017 **Trade Marketing Intern, Vodafone, Istanbul, Turkey**  
• 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, Istanbul, Turkey**  
• 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](https://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

## 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)

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Kuban Altinel, Ph.D. Professor, *Bogazici University*

email: [altinel@boun.edu.tr](mailto:altinel@boun.edu.tr)

Refik Güllü, Ph.D. Professor, *Bogazici University*

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