

# Zeynel Batuhan Organ



## about

Merkez Mah. Selamet Sk.  
Nüans Istanbul  
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Turkey

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in zbatuhanorgan  
☎ koftezz

## languages

Turkish, English,  
German

## software

Python, R, SQL,  
Matlab,  
Gurobi, Tableau, VBA,  
Latex, Git

## certificates

Machine Learning,  
Algorithms and Data  
Structures in Python,  
International  
Baccalaureate

## hobbies

Skiing  
Djing

## interests

Data science, Machine Learning, Algorithms, Optimization

## education

- |            |  |                                    |
|------------|--|------------------------------------|
| 2019 - Now | <b>M.Sc.</b> In Industrial Engineering | Ozyegin University/Istanbul/Turkey |
| 2014–2018  | <b>B.Sc.</b> Industrial Engineering    | Ozyegin University/Istanbul/Turkey |

## experience

- |                |  |                                |
|----------------|--|--------------------------------|
| 06, 2018 - Now | <b>Invent Analytics, Istanbul, Turkey</b>  | Junior Data Scientist          |
|                | <i>Performing big data analysis, feature engineering. Building an algorithm by developing predictive models using various machine learning techniques.</i> |                                |
| 04–06, 2018    | <b>Nielsen, Istanbul, Turkey</b>   | Technology & Operations Intern |
|                | <i>Conduct tasks for company's digitization effort at Technology Operation Department</i>  |                                |
| 2015 – 2018    | <b>Ozyegin University, Istanbul, Turkey</b>  | Teaching Assistant             |
|                | <i>Attend lab sessions, Prepare exam/assignment questions and cases using VBA</i>  |                                |
| 07, 2016       | <b>BSH Home Appliances Group, Istanbul, Turkey</b>   | Credit & Investigation Intern  |

## awards

- |      |   |                             |
|------|---|-----------------------------|
| 2018 | <b>INFORMS OR &amp; Analytics Student Competition</b>   | Finalist, Honorable Mention |
|      | <i>Accomplished to be one of the 8 finalist teams to participate at the INFORMS Analytics Conference in Baltimore, Maryland. Made a portfolio optimization by analyzing ten-year 4 weekly periods using S&amp;P 500 data and created a unique portfolio for each period that is most profitable in terms of expected returns.</i> |                             |
| 2018 | <b>Invent Analytics AlgoRun Hackathon</b>   | 3rd                         |
|      | <i>Applied a Modified Knapsack Model for NBA Daily Fantasy Player Selection Problem. Solved it via Python using Google Optimization Tools. Built a Linear Regression forecasting method to predict missing data. Predicted the best line-up using past NBA data.</i>  |                             |

## publications

Ötken, Ç., Organ, Z., Duman, E., Teksan, Z., & Kayış, E. (2019). An extension to the classical mean–variance portfolio optimization model. *The Engineering Economist*, 64(3), 310–321. doi: 10.1080/0013791x.2019.1636440