

# Enes Dilber

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## EDUCATION

**Middle East Technical University**, Ankara, Turkey

- Candidate for Bachelor of Science Sep 2014 – Jun 2018
- **Major:** Statistics, **Minor:** Computer Engineering/Information Systems
- Cumulative GPA: 3.91/4.00 (Class Rank: 1)
- Relevant Coursework:
  - Statistics Department: Multivariate Analysis, Mathematical Statistics (1-2), Linear Models (1-2), Decision Theory And Bayesian Analysis, Probability Theory
  - Mathematics Department: Advanced Calculus in Statistics, Linear Algebra
  - Computer Engineering Department: Deep Learning, Data Mining, Algorithms And Data Structures, Data Management And File Structures, Computer Vision

## RESEARCH

**Research Interests:** Machine Learning, Deep Learning, Bayesian Statistics, High Dimensional Statistics

- Senior Year project for Decision Theory And Bayesian Analysis Course Fall 2017-2018
  - Project: Overview of Dirichlet Process
  - Supervisor: Assoc. Prof. Vilda Purutcuoglu
  - Focus: Dirichlet Process, Gaussian Mixture Models, Gibbs Sampling
- Senior Year project for Deep Learning Course Fall 2017-2018
  - Project: A Symmetric Batch-Size Algorithm during Training and A Brief Introduction to Design of Experiment for Deep Learning Research
  - Supervisor: Asst. Prof. Emre Akbas
  - Focus: Adaptive Batch Size, Learning Rate Scheduler, Batch Size Scheduler, Factorial Experiment Design
- Undergraduate Research Intern at IMAGELAB Summer 2017
  - Project: Increasing Test Accuracy with Adaptive Batch-Size
  - Supervisor: Asst. Prof. Emre Akbas
  - Focus: Statistical Generalization Theory, Stochastic Gradient Descent, Early-stopping, Over-fitting problem
- Junior Year project for Linear Models II Course Spring 2016-2017
  - Project: A Model Comparison Approach to Pokémon Data in Kaggle
  - Supervisor: Assoc. Prof. Ozlem Ilk Dag
  - Focus: Cross-Validation, Ordinal Logistic Regression, Linear Regression, Poisson Regression
- Junior Year project for Statistical Data Analysis Course Spring 2016-2017
  - Project: Exploring Judicial Decision Patterns of Senators on Impeachment of Bill Clinton
  - Supervisor: Assoc. Prof. Ceylan Talu Yozgatligil
  - Focus: Multinomial Logistic Regression, Decision Tree, High Dimensional Data Visualization Techniques

## COMPUTER SKILLS

- Proficient at: R and several python libraries such as Numpy, scikit-learn, Keras, PyTorch
- Good command on: C/C++, MATLAB, SAS EG\EM, SQL

## AWARDS

- Dean's High Honor List, Fall 2014 - Fall 2017  
For attaining a semester GPA of at least 3.5.
- Ranked 1 in Statistics Department, Fall 2014 - Fall 2017

<b>PROFESSIONAL AFFILIATIONS</b>	<b>METU Statistics Club,</b> Ankara, Turkey <ul style="list-style-type: none"> <li>▪ Board Member</li> </ul>	2014-2015
<b>LANGUAGES</b>	<ul style="list-style-type: none"> <li>▪ Turkish: Native language</li> <li>▪ English: Fluent</li> <li>▪ German: Beginner</li> </ul>	
<b>PERSONAL INTERESTS</b>	Digital photography: <ul style="list-style-type: none"> <li>▪ Flickr Account with more than 2000 followers</li> <li>▪ Palaces and Pavilions of Istanbul, Photography Exhibition at METU Library Exhibition Hall in November 2015</li> </ul> Sports: <ul style="list-style-type: none"> <li>▪ Basketball, played at High School Team</li> <li>▪ Squash</li> <li>▪ Swimming</li> </ul>	
<b>REFERENCES</b>	<ul style="list-style-type: none"> <li>▪ <b>Dr. Emre Akbas</b>  Assistant Professor of Computer Engineering  Middle East Technical University  Bilgisayar Muhendisligi Bolumu B202, ODTU, Ankara 06800, Turkey  emre@ceng.metu.edu.tr • +90 (312) 210-5522</li> <li>▪ <b>Dr. Ozlem Ilk Dag</b>  Associate Professor of Statistics  Middle East Technical University  Istatistik Bolumu 134, ODTU, Ankara 06800, Turkey  oilk@metu.edu.tr • +90 (312) 210-5326</li> <li>▪ <b>Dr. Zeynep Isil Kalaylioglu</b>  Associate Professor of Statistics  Middle East Technical University  Istatistik Bolumu 235, ODTU, Ankara 06800, Turkey  kzeynep@metu.edu.tr • +90 (312) 210-5305</li> <li>▪ <b>Dr. Ceylan Talu Yozgatligil</b>  Associate Professor of Statistics  Middle East Technical University  Istatistik Bolumu 136, ODTU, Ankara 06800, Turkey  ceylan@metu.edu.tr • +90 (312) 210-2963</li> </ul>	

[CV compiled on 2018-06-03]