

# OGÜN YURDAKUL

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## EDUCATION

<b>Technische Universität Berlin</b> <b>Ph.D. in Electrical Engineering and Computer Science (<i>in progress</i>)</b> <i>Adviser:</i> Prof. Dr. Dr. h. c. Sahin Albayrak	October 2018-Ongoing Berlin, Germany
<b>University of Illinois at Urbana-Champaign</b> <b>Master of Science in Electrical and Computer Engineering</b> <i>Adviser:</i> Prof. Peter W. Sauer ◇ <b>Thesis Topic:</b> Analysis and Performance Evaluation of Coordinated Transaction Scheduling ◇ <b>Selected Courses:</b> Random Processes, Introduction to Optimization, Control System Theory & Design, Real Variables, Electricity Resource Planning, Power Systems Operations and Control, Analysis Techniques for Large-Scale Electrical Systems.	GPA: 3.71/4.00 Fulbright Scholar August 2016-May 2018 Urbana, IL, USA
<b>Bogazici University</b> <b>Bachelor of Science in Electrical and Electronics Engineering</b> ◇ <b>Selected Courses:</b> Artificial Neural Networks, Fundamentals of Object Oriented Programming, Probability for EE, Linear System Theory, Introduction to Optimization	GPA: 3.41/4.00 Dean's Honor List September 2012-June 2016 Istanbul, Turkey
<b>Robert College</b> <b>High School Diploma—Science Track</b> Robert College is the oldest continually-running American school founded outside the US.	September 2007-June 2012 Istanbul, Turkey

## WORK EXPERIENCE

<b>Technische Universität Berlin</b> Researcher ( <i>wissenschaftlicher Mitarbeiter</i> ), DAI Laboratory, Fakultät IV ◇ harnessing data-driven distributionally robust optimization techniques to address the uncertainty in unit commitment and economic dispatch problems as part of the Autogrid project Head of Application Center Energy, DAI Laboratory, Fakultät IV ◇ coordinating the research and teaching activities in power and energy systems Lecturer ( <i>Dozent</i> ) for the course Smart Energy Systems ◇ preparing course material ◇ delivering lectures	Berlin, Germany October 2018-Ongoing  March 2019-Ongoing  October 2018-Ongoing
<b>University of Illinois at Urbana-Champaign</b> Research Assistant ◇ Analysis and Performance Evaluation of Coordinated Transaction Scheduling (CTS) ◇ Development of a Conceptual Framework for Grid-Integrated Energy Storage Resource (ESR) Analysis Teaching Assistant for the course ECE 333: Green Electric Energy ◇ holding office hours ◇ assisting with the preparation of course material	Urbana, IL, USA August 2016-May 2018  August 2017-December 2017

## AWARDS & ACCOMPLISHMENTS

◇ Fulbright Scholar	2016-2018
◇ Outstanding Success Scholarship (Turkish Education Foundation)	2013-2016
◇ Scholarship for Top 100 Ranking Students (State Scholarship)	2013-2016
◇ Social Leadership Award (Robert College)	2012
◇ Distinguished Humanitarian Award (Robert College)	2012
◇ Feyyaz Berker Lifelong Fellowship (Robert College)	2010

## STANDARDIZED TEST SCORES

◇ GRE Scores	Verbal 161/170, Quantitative: 168/170, Writing 4.0/6.0
◇ Turkish University Entrance Exam	Rank: 62 <sup>nd</sup> among 1,805,443 students
◇ Turkish High School Entrance Exam	Rank: 5 <sup>th</sup> among 824,676 students

## LANGUAGES, LIBRARIES, TOOLS

◇ Python	◇ MATLAB	◇ Java	◇ Keras
◇ Pyomo	◇ Tensorflow	◇ Powerworld	◇ Git