

Kerem Yücesan

Mechanical Engineer, M.Sc.
Energy Manager

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Profile



DOB, 29.04.1987, Istanbul
Nationality, Turkish
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Driving License, Yes
Military Service, Completed

Oct 2006
May 2014

Education



Ph.D. in Business Administration 2018-present
İstanbul Kültür University, Istanbul
Thesis Title: Sustainability of Energy Consumption in the Global Manufacturing Industry and the Role of Energy Consumption in Turkey's Economic Growth: Proposal of an Econometric Model



Master of Science in Mechanical Engineering 2010-2015
Yildiz Technical University, Istanbul
Machine Theory, System Dynamics and Control Dept.
GPA: 3.38/4



Bachelor of Science in Mechanical Engineering 2005-2010
Yildiz Technical University, Istanbul
GPA: 3.22/4



High School 2001-2005
Cağaloğlu Anadolu Lisesi, Istanbul
GPA: 3.82/5

Experiences



Lecturer / Deputy Director Feb 2020-present
İstanbul Kültür University, Istanbul
Vocational School / Alternative Energy Resources Program



Technical Operation Manager 2016-2019
Sheraton Istanbul Atakoy Hotel
Providing guidance and leadership to hotel ownership company on all technical issues

- Taking responsible for the technical smooth running and maintenance of the hotel's installations

- Ensuring standard operating procedures and facility management guidelines are in place
- Preparing for annual Health & Safety Audits
- Preparing and managing the departmental budget (\$1.350.000 in 2018)
- Managing maintenance contracts
- Tracking and reporting property's energy cost and usage
- Leading a team of 20 staff



Technical Manager

2011-2014

ARPAŞ Ambarlı Römorkaj Pilotaj Tic. A.Ş., Istanbul

In charge of all operation, progress and scheduling shoreside duties in the tugboat company, such as service and maintenance management, arranging class and flag surveys, supervising dry-dockings and crew management

- Guiding crew members in maintenance and repair of main and auxiliary engines, azimuth thrusters, anchor and towing winches
- Having complete overhaul and rebuilding experience of Caterpillar, MTU and Volvo Penta
- Having maintenance and repair proficiency on considerable amount of other brands such as Rolls-Royce, Cummins, Perkins and Kohler
- Collaborating with American Bureau of Shipping, RINA and Turk Loydu in order to audit quality and H&S standarts
- Leading a fleet of 10 vessels and its crew of 75 members



Project / Design Engineer

2010

Tanrıöver Mühendislik, Istanbul

CAD drawing and designing of air conditioning systems, cooling and heating systems, plumbing and drainage systems, fire sprinkler systems etc.

Internships



Galleria Mall Renovation Project - Mechanical Installation

Dec 2010

Tempo Mühendislik Hizmetleri A.Ş.

R&D Department - Development of Braking Systems

Aug 2009

Mercedes Benz Türk A.Ş.

CNC Machining and Welding - Industrial Components

July 2009

Ecemak Makine ve Yedek Parça San. ve Tic. A.Ş.

Aircraft Maintenance Center - Pneumatic Workshop

July 2008

Turkish Technic

Holiday Inn Istanbul Airport Project - Mechanical Installation

Sept 2007

Birleşim Mühendislik Isıtma Soğutma Hav. San. ve Tic. A.Ş.

Metallurgical Laboratory - Heat Treatment of Steel

Aug 2007

Batı Isıl İşlem San. ve Tic. A.Ş.

Casting and Chipless Forming Process - Auto Spare Parts

July 2007

Özteknik Mak. Oto. Yedek Parça Pazarlama Tic. Ltd. Şti.

Courses
I taught
at University

 **Energy and Environmental Economics**
Renewable Energy
Solar and Wind Energy
Conventional Energy Sources
Energy Efficiency
Gas Supply / Installation & Process
Measurement Techniques
Computer Aided Design & Applications
HVAC Principles & Process
Heating Systems
Cooling Systems & Design Process
Thermodynamics

Certificates



Certificate of Food Safety for Supervisors: The Essentials *Jan 2017*
of Good Practice for Food Hygiene and Safe Food Handling
Diversey Consulting

Certified Swimming Pool & SPA Operator *Jan 2017*
Republic of Turkey the Ministry of National Education

Certified Energy Manager *Jan 2017*
Certificate Number: 2573
Republic of Turkey the Ministry of Energy and Natural Resources

Certificate of Completion in Firefighter Training *Dec 2016*
Istanbul Metropolitan Municipality Department of Fire Brigade

Certificate of Training in Legionella Management *Apr 2016*
Republic of Turkey the Ministry of Health

Sheraton Service Culture Learning Pathway *Mar 2016*
Sheraton Istanbul Atakoy Hotel

Certificate of Participation *May 2015*
TOEFL (iBT) Test Preparation Program
Language Systems International College of English, CA

TOEFL iBT Test Score: 72 *Mar 2015*

Certificate of Participation *Sept 2014*
Academic Intensive English Program
University of California Los Angeles, CA

Certificate of Outstanding Service *Apr 2014*
Turkish Armed Forces Land Force, Ankara

Professional Certificate in Ship Chartering and Ship Brokering Institute of Maritime Trade, Istanbul	<i>Jan 2013</i>
Certificate of Competence for Operators of Pleasure Craft Republic of Turkey the Ministry of Maritime	<i>July 2010</i>
SolidWorks Certificate of Completion Dünya Bilgisayar, Trabzon	<i>May 2007</i>
Zertifikat Zentrale Deutschprüfung zum Schulabschluss German Embassy Consulate General, Ankara	<i>Jan 2005</i>

Projects



Flow Modelling of Particle in Screw Conveyors , M.Sc. Thesis	<i>Fall 2015</i>
PLC Projects with Ladder Logic , M.Sc. Projects	<i>Spring 2011</i>
Process and Operations of:	
• Automatic Spot Welding Machine	
• Washing Machine Control Program	
• Elevator Control	
• Belt Conveyor System	
• Chemical Mixing Plant	
• High Temperature Chamber Muffle Furnace	
• Bottle Filling Machine Program	
Electronic Stability Control Presentation , M.Sc. Project	<i>Fall 2010</i>
Design and Installation of a Heating System for a Central Heated Building , Bachelor's Thesis	<i>Spring 2010</i>
Cold Room Design , Undergraduate Project	<i>Fall 2008</i>
Natural Gas Pipeline Installation , Undergraduate Project	<i>Fall 2008</i>
Heat Exchanger Design , Undergraduate Project	<i>Spring 2008</i>
Centrifugal Pump Design , Undergraduate Project	<i>Spring 2008</i>

Seminars



Hydronic Balancing , UCTEA-CME	<i>Oct 2016</i>
Gray Water Recycling Systems , UCTEA-CME	<i>Oct 2016</i>

Computer



AutoCAD, SolidWorks, PC Worx PLC Programming, SCADA, EDEM Bulk Material Simulation, C++, MS Office

Membership



UCTEA Chamber of Mechanical Engineers *Aug 2016-present*
Member ID: 107325

Languages  English, Fluent
German, Basic

Interests  Nature & Science

References  Available on request

I have great confidence myself in Energy Sector to bring an added value as design, operation, process, quality and Health&Safety discipline.

Faithfully yours.