

KEREM EDİZ



Address: Göztepe / İstanbul / Türkiye
Birth date, place: 9.March.1978, İstanbul / Türkiye
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EDUCATION

2000 – 2003	<i>University Of Connecticut</i> Masters in Design and Manufacturing & Systems in mechanical engineering. Trained in data acquisition and usage of precise measurement devices. (photonic displacement sensors, piezo accelerometers, force transducers) Thesis on “Nano position control” and “Micro-dynamics of piezo-driven pipettes in ICSI”. GPA 3.65 / 4.00.	<i>CT, Storrs, USA</i>
1996 – 2000	<i>Istanbul Technical University</i> Bachelor of Science in mechanical engineering. Thesis on “Trajectory optimization of an industrial robot”. GPA 3.2 / 4.00.	<i>Istanbul, Türkiye</i>
1989 – 1996	<i>Kadikoy Anadolu Highschool</i>	<i>Istanbul, Türkiye</i>

WORK EXPERIENCE

2004 – Current	<i>Mercedes Benz Türk. A.Ş.</i> 2008 – Current Team Manager Engineering Department, Surface Protection and Finish Works (Bus Division) Responsible for the process engineering team consists of five engineers. The tasks of the team involve: <ul style="list-style-type: none">• Responsibility for all paint shop and finish process engineering activities of prototypes, ramp up productions and application of the development revisions.• Establishing the investments to realize the necessities of the production line.• Realizing the process improvements to meet the process time ratio targets.	<i>Istanbul, Türkiye</i>
2004 – 2008	Process Engineer Engineering Department, Body (Bus Division) Responsible for the upper body production line for busses. Positions tasks involve: <ul style="list-style-type: none">• Responsibility for all the upper body production process engineering activities of the prototypes, ramp up productions and application of the development revisions for busses.• Being a coordinator between Production, Quality, Development and Engineering Factory departments.• Defining the production line process for the upper body parts and inputting them to SAP.	
2003 – 2004	<i>Goch Tirsan Anheangerproduktion und Handel GmbH</i> Worked in Production Planning department. Develop staffing and production plans to ensure a highly effective production team is positioned to exceed goals and objectives.	<i>NRW, Goch, Germany</i>

2000 – 2003	University Of Connecticut Teaching Assistant for Systems and Control Design, Dynamics, Measurement Systems. Research Assistant for Automatic Controls Laboratory.	CT, USA
Summer '99	Böhler Edelstahl Gmbh & Co Kg Internship at research and development center.	Kapfenberg, Austria
Summer '98	Makina Takim Endüstrisi Internship at manufacturing department.	Istanbul, Turkiye
Summer '97	Istanbul Technical University Training on lathe, milling, grinding machines, and arc welding.	Istanbul, Turkiye

PROJECTS

2008 – 2010	Hosdere 2010 Capacity Increase Project <ul style="list-style-type: none"> Establishing and realizing the investments necessary for the enlargement of finish building and implementing the process flow for the new plant. Establishing and realizing the investments of essential equipment increase and / or optimizations for pint shop. 	
2004 – 2005	New Concept Coaches Project Responsible for the upper body lane design for the new concept bus bodies.	

SKILLS

Fluency in written and spoken English (superior), German (good) and Turkish (native).
Mathworks Matlab (Simulink), MAPLE, AutoCAD, ANSYS, Microsoft Office, data acquisition (DSP cards), experience with SAP system.

AWARDS

May 2000	Best project award in senior design project Design and optimization of a load-transmitting robot.	Istanbul Technical University
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PUBLICATIONS

- K. Ediz, N. Olgac, “Micro-dynamics of the piezo-driven pipettes in ICSI”, IEEE Transactions on Biomedical Engineering, July 2004, Vol.51, No.7.
- K. Ediz, N. Olgac “The Effect of Mercury in the Micro-Dynamics of Injection Pipettes” Poster Session on Dynamic Systems & Control” 2003 ASME International Mechanical Engineering Congress and RD&D and Expo, November 2003
- K. Ediz, N. Olgac, “Effect of mercury column on the micro-dynamics of the piezo-driven pipettes”, ASME journal of Biomechanical Engineering, June 2005 Vol.127 (pg.531-535).

EXTRACURRICULAR ACTIVITIES

Sailing, traveling, sports,

REFERENCES

Available upon request