

# UYGAR PALA

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<http://uk.linkedin.com/in/uygar>

## PERSONAL SUMMARY

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Highly motivated, detail oriented engineer who conducted an interdisciplinary education at the top level institutions in their fields. Gained international experience in high tech-world class manufacturing environments, enjoyed responsibility both as a leader and a team member. A problem solver with high negotiation skills and values communication with all levels of the organization.

## EDUCATION

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- 2010 - 2011 MSc. Manufacturing Engineering and Management, University of Nottingham
- Sponsored student
  - Dissertation Topic: Design of a Short Term Load Capacity Planning Model for the Integrated Logistics Centre at Rolls-Royce plc, Derby
- 2005 - 2009 BSc. Mechanical Engineering, Middle East Technical University
- Full scholarship
  - Awarded with honor roll certificates (2005-2006 Spring, 2007-2008 Spring)
- 2006 - 2009 Minor, Economics, Middle East Technical University
- 2003 - 2005 Statistics, Hacettepe University
- 1995 - 2002 Ankara Ataturk Anatolian High School

## WORK EXPERIENCES

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- 06.11 - 09.11 Postgraduate Project Intern, Rolls-Royce Civil Aerospace, Derby/UK
- Quality and Business Improvement team member
  - Dissertation project conducted by actively working at Rolls-Royce Derby Facility
11. 09 - 10.10 Process Engineer, Roketsan Missiles Inc., Ankara/Turkey
- Responsible for integration of rocket/missile systems and production-test processes
  - Took part in a number of classified national projects
  - Worked as process engineer of Patriot Control Section Program and Turkey Patriot Program, Raytheon Missiles Inc./USA
  - Took part in qualification processes of NSM Launcher, Kongsberg/Norway
  - Worked both as process engineer and production engineer in Kornet-E Launcher Assembly, Rosoboronexport/Russia
- 01.09 - 02.09 Intern, Werkzeugfabrik Manfred Schwegler, Ulm/Germany
- Took responsibility in designing and manufacturing of several drills, milling cutters and tools
  - Translated and corrected Schwegler's brochures prepared for world market
  - Prepared scheduled plans and presentations for India, a new market for Schwegler
- 07.07 - 08.07 Intern, Turkish Aerospace Industries (TAI), Ankara/Turkey
- Thoroughly engaged in a 160 hours of practice program in Turkey's leading aerospace company

- 2007 - 2008 Spring Teaching Assistant, METU NCC Strength of Materials and Statics Lectures
- Assisted Prof. Dr. Kagan TUNCAY in various aspects including grading quizzes, exams and homework
- 2007 - 2008 Fall Teaching Assistant, METU NCC CAD Lectures
- Assisted Instr. Ayla OZDEMIR in lectures and office hours
- 2008 - 2009 Student Assistant, Webmaster of the Official Web Sites
- Worked with Prof. Dr. Kagan TUNCAY for Civil Engineering Department Web Site
  - Worked with Assoc. Prof. Dr. Julian SAURIN for Political Science and Int. Rel. Dept. Web Site
  - Worked with Assist. Prof. Dr. Dogu ERDENER for Psychology Department Web Site

## **LANGUAGE SKILLS**

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- Turkish: Native
- English: Proficient
- German: Beginner

## **COMPUTER SKILLS**

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- CadKey, DWGeditor, Solidworks, NX 6
- Mathematica, Mathcad
- php, C, HTML, CSS
- Dreamweaver, Adobe Photoshop
- MS Office Applications

## **ACTIVITIES/INTERESTS/ACCOMPLISHMENTS**

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- 2007 - 2008 Broadcasting Coordinator, DJ, Radio ODTU Cyprus Studios
- 2006 - 2008 President/Founder, METU NCC Radio Society
- 2006 - 2007 Member, METU NCC Fine Arts Society
- 2005 - 2006 Vice President, METU NCC Music Society
- June 2004 Organizer, Saklikent ROCK and WIN Rock Festival
- 2000 - 2001 Editor, Writer, ADA, Literature Journal of Ankara Ataturk Anatolian High School
- Since 1998 Bass Guitar Player

## **TEST SCORES**

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- GRE CBT Score 2008: Quantitative 790/800
- TOEFL IBT Score 2010: 94/120
- ALES (Turkish Academic Staff Graduate Education Entrance Examination) 2008: Quantitative 95.3/100; Verbal 97.3/100; Eq. Weighted 96.3/100
- KPSS 2009: 88.9/100

## **TRAININGS / CERTIFICATES**

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- ETIK Design-Counseling, Geometrical Tolerance and Dimensioning Training Program Certificate
- ENTEK Egitim, Advanced Hydraulic Systems Training Program Certificate
- ENTEK Egitim, PLC S7 300 Advanced Training Program Certificate
- ENTEK Egitim, Maintenance of Electrical-Electrical Systems Training Program Certificate
- ENTEK Egitim, Industrial Electrics Training Program Certificate
- ENTEK Egitim, Advanced Pneumatic Systems Training Program Certificate
- Turk Loydu Vakfi, Filling, Operating and Maintenance of PV Containing Helium Training Program Certificate
- Bogazici Yazilim, NX 6 CAD Module Training Program Certificate
- Chamber of Mechanical Engineers, LPG Filling Facilities and LPG Stations Management Certificate
- Turkish Aerospace Industries (TAI), Certificate Of Training
- Entrepreneurship School Participation Certificate, METU NCC Young Entrepreneurs Society
- Entrepreneurship and Innovation Program Certificate, METU NCC Management and Economics Society

## **MEMBERSHIPS**

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Chamber of Mechanical Engineers