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| photo-icon.jpg | AHMET ÖRNEK |
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| **EDUCATION**  2016 - Present  2014 - 2016  2010 - 2014  2006 - 2010  **EXPERIENCE**  09/2016 - Present  09/2015 - 09/2016  07/2013 - 09/2013  **THESIS & PROJECTS**  2015-2016  2014  **PUBLICATIONS**  2016  10/2015  **PRESENTATIONS & CONFERENCES**  7-12/10/2016  02/2016  04/2016  **AWARS & SCHOLARSHIPS**  2016 - 2017  2016  2016  2014  **CERTIFICATES**  2016  2015  2014  **COMPUTER SKILLS**  **LANGUAGE SKILLS**  **SOCIAL ACTIVITIES**  **CLUB MEMBERSHIPS**  **REFERENCES**  **PERSONAL INFORMATION** | **PHD Mechanical Engineering, İstanbul Technical University**  Thesis: Lean Production Techniques  **Postgraduate Mechanical Engineering, İstanbul Technical University**  Thesis: High Speed CNC Machines  **University Mechanical Engineering, Middle East Technical Univ.**  Interest of Area: Manufacturing, Quality, Production Planning  **High School** **Beşiktaş Anatolian High School**  **İstanbul Technical University**  **Research Assistant**  Cost model calculation of high speed machines under the consultation of Prof. Dr. Mehmet Örnek. Compared high speed machining with conventional CNC machining in the light of that cost model. Found out which machining technique is more effective in which circumstances. Moreover, giving the courses Production Techniques and Lean Production.  **ABC Otomotiv A.Ş. / İstanbul**  **Supplier Development Engineer**  Followed up the manufacturing processes of the automotive suppliers. Production of the automotive parts in suppliers on time in quality standards in cooperation with the purchasing and logistics departments. Solving and reporting the problems in production. Development of the suppliers' production techniques based on the standards.  **XYZ A.Ş. / İstanbul**  **Intern**  Observed the organizational relationships among departments in a large production plant. Experienced design & manufacturing of moulding dies to produce light alloy wheels. Observed a company culture whose production is mostly based on export.  **Postgraduate Thesis:** **Economics of High Speed Machining, ITU**  Worked as a part of a two-person team. Created a cost model calculating the unit manufacturing cost of a specific product. Compared high speed machining with conventional CNC machining in the light of that cost model. Found out which machining technique is more effective in which circumstances.  **Graduation Project: Design & Manufacture of a 2D Paper Cutter, METU**  Worked as a member of a six-person team. Designed a paper cutter that could cut any shape in 2D given through AutoCAD. Initiated two design changes to reduce the number of motors from four to two. Manufactured the whole machine in the workshop of the university. Competed with four teams taking into account the criteria of speed of cutting, weight, cost and quality, and awarded as the “winner team”.  Örnek, Ahmet. Cost Modelling of High Speed CNC Machines. Journal of Knowledge-Based, Optimal Technology 82, 57-60.  Örnek, Ahmet & Smith, John. Visualizing the Turing machine using embedded archetypes. Journal of Embedded Configurations 25, 85-102.  European Research Council, İstanbul  Ergonomics Society Group Meeting, Nottingham  "JIT & Lean Production" Presentaion, ITU  **EPSRC Research Bursary**  **Graduation Degree as the 2nd**, Postgraduate at Mechanical Engineering, ITU  **Spring Semester High Honour Certificate**, ITU  **Autumn Semester Honour Certificate**, METU  **Lean Production Techniques,** ITU Continuing Education Center  **Total Quality Management Training,** METU  **Project Management,** Etik Education Center  Unigraphics, AutoCAD: Good  Word, Excel, Powerpoint, Outlook: Excellent Mathcad: Good  **English** Reading: Advanced, Writing: Advanced, Speaking: Good  **French** Reading: Good, Writing: Good, Speaking: Intermediate  Photography, University Volleyball Team Captain  Member of METU Alumni, Photography Association Member  **Mehmet Örnek,** ITU, Professor, (212) 1111111  **Ahmet Örnek,** METU, Professor, (312) 3333333  **Ayşe Örnek,** ABC Otomotiv A.Ş, General Manager, (212) 9999999  **Date of Birth :** 01/01/1988  **Nationality :** Turkish  **Marital Status :** Single  **Sex :** Male  **Driving License :** B (2014)  **Military Service :** Postponed (Until 01/10/2020) |