

Duygu ŞENGÜN

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PERSONAL INFORMATION

Date and Place of Birth 12.12.1991, Edirne
Marital Status Single
Driving License B Class, 2010

EDUCATION

Sep. 2015 - İzmir Institute of Technology, M.Sc. Chemical Engineering (English), İzmir/Turkey
Sep. 2015 - İzmir Institute of Technology, M.Sc. Engineering Management (English), İzmir/Turkey
Sep. 2010 - Jun. 2015 Ege University, B.Sc Chemical Engineering (English), İzmir/Turkey
Sep. 2013 - Jul. 2014 Salerno University, B.Sc Chemical Engineering (Italian), İzmir/Turkey
Sep. 2006 - Jun. 2015 Edirne Yıldırım Beyazıt Anatolian High School, Edirne/Turkey

PROJECTS

Sep. 2014 - May 2015 **Chemical Engineering Design, Ethyl Benzene Production**
Design of ethyl benzene factory with mechanical design of all necessary equipments, feasibility study, economical analysis, health and environmental effect study was prepared.

Sep. 2014 - Jun. 2015 **Ege University, Chemical Engineering, Diploma Project**
Under the supervision of Prof. Dr. Şerife Şeref Helvacı within the diploma project, production of Metal organic frameworks with reaction of zinc and terephthalic acid. Solvothermal method is used during the reactions. The different production parameters such as Zn^{+2} ion concentration, Zn/TPA molar ratio, reaction temperature, reactor type; and different purification methods were studied.

Mar. 2015 - Jun. 2015 **TUBITAK- Bideb Project, Effect of the different Zn reactant on production of Zn-Metal Organic Frameworks with using solvothermal method in the autoclave reactor**
Under the supervision of Prof. Dr. Şerife Ş. Helvacı within the BİDEB project, Effect of the different Zn reactant on production of Zn-Metal Organic Frameworks with using solvothermal method in the autoclave reactor.

INTERNSHIPS

Aug. 2014 - Sep. 2014 **Anadolu Efes, Brewery and Malt Plant, Engineering Intern, Izmir/Turkey**
Summer Practice; Production and quality control; preparation, fermentation, filtration processes and laboratory.

Jul. 2013 - Aug. 2013 Trakya Cam Sanayii A.Ş., Flat Glass, **Engineering Intern**, Kırklareli/Turkey
Summer Practice; Production; batch preparation, furnace, tin bath, cutting systems.

SUCCESS AND AWARDS

Apr. 2015 **TUBITAK** - 2241-a Programme, Ankara/Turkey For Effect of the different Zn reactant on production of Zn-Metal Organic Frameworks with using solvothermal method in the autoclave reactor, **100% Grant Support**

Oct. 2013 **Erasmus Lifelong Learning Programme** – Scholarship, Ankara/Turkey For Erasmus Programme, **100% Grant Support**

SKILLS

Languages Turkish (Native), English (Fluent), Italian (Intermediate), Spanish (Beginner)
Computer Knowledge Microsoft Office, Matlab, Polymath, ChemCad, IntelliCad, MathCad

TRAININGS & CERTIFICATES

Sep. 2013 - Jun. 2014 Academia Italia, Salerno/Italy
Oct. 2012 - May 2013 Ege University Engineering Club, EGENSO, İzmir/Turkey
Oct. 2012 - Jan. 2012 PLN Spanish Course, İzmir/Turkey
Jul. 2012 - Sep. 2012 English Language Education, ELC, Bristol/UK
Dec. 2010- Apr. 2011 American Culture Language School, İzmir/Turkey
Mar. 2012 National Energy Maximizing Summit, İzmir/Turkey
Jan. 2011 New Aspects of Science Philosophy, İzmir/Turkey

REFERENCES

Academic **Prof. Dr. Şerife Ş. HELVACI**; Ege University, Professor Doctor
phone: 0 544 537 38 06 e-mail: serife.seref.helvaci@ege.edu.tr

Business **Canan DÖKEROĞLU**; Anadolu Efes, Manager of pre-call planing
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