

Çağlar ERSANLI

Güzelyalı Mah. Mithatpaşa Cad. Gonca Apt. No:1045/18 35290 Konak/İZMİR
(506) 421 65 93
caglarersanli@gmail.com



EDUCATION

- 2015- Present** MSc, Chemical Engineering Department, İzmir Institute of Technology
2010 - 2015 BSc, Chemical Engineering Department, Ege University (English Curriculum)
(GPA: 3.13 / 4.00)
2006 - 2010 Izmir Aliğa Alp Oğuz Anatolian High School (English Curriculum)
(GPA: 4.88 / 5.00)

PROJECTS

- September 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.
- September 2014** **11th National Chemical Engineering Convention, Project Manager and Author**
TiO₂ nano-particle synthesis by thermal hydrolysis method and effects of concentration change at constant temperature and mixing rate on particle size distribution is offered.
- September 2013 – May 2015** **Thesis of Graduate Project**
Under the supervision of Prof. Dr. Şerife Şeref Helvacı within the diploma project, production of titanium nano particles from the reaction of HCl and TiCl₄ solutions in nano reactors. Thermal hydrolysis method is used during the reactions. Concentration is used as the only unique variable parameter and after all possible reactions, according to results of DLS device, grain-size distribution of titanium particles is compared and AAS device to measure the concentration of titanium dioxide solution.

INTERNSHIPS

- June 2013 – July 2013** **Tüpraş, Aliğa Refinery**
Production internship in Continuous Catalytic Regeneration (CCR) and Isomerization units, mainly worked in production of high and low octane gasoline, gained experience in distillation columns and reactors.
- June 2014 – July 2014** **Anadolu Efes Brewery and Malt Plant, Izmir**
Production and quality control internship in production plant and quality control laboratory, mainly worked in wort preparation, fermentation, filtration and laboratory, gained experience in beer production, fermentation and filtration process, quality control systems of fermented beverages.
- July 2014 – August 2014** **ITS Caleb Brett İntertek, Istanbul**
Quality control internship in quality control experiments of petroleum products, mainly worked in laboratory and gained experience in several quality control analysis about petroleum and its products.

SKILLS

Voluntary Projects

- September 2010 – May 2012** **EGE UNIVERSITY, Toplum Gönüllüleri Foundation**
Voluntarily worked as a financial manager in 'Deniz Yıldızı' project that aims giving voluntarily courses including; maths, natural sciences and art to primary school children.
- July 2011** **'Solidarites Jeunesses' International Volunteer Camp-France**
Worked as a volunteer to restore and paint the walls of a kindergarden in Paris as well as some frescos to increase the idea of international solidarity.
- March 2011** **YKM- 'Fırsatın Varken Sesini Duyur' Competition**
Took place as a finalist. Aim of this competition was running for the budget to use social responsibility project.

Trainings & Certificates

11th National Chemical Engineering Convention, September 2014, Eskişehir Osman Gazi University
National Energy Maximizing Summit, March 2012
Responsible Citizenship, April 2011, Mikado Consulting
Project Development, April 2011, Mikado Consulting
Presentation Techniques, April 2011, Mikado Consulting
New Aspects of Science Philosophy, January 2011

Computer Knowledge

Autocad, Microsoft Office (Excel, Word, Powerpoint), Matlab, Polymath. ChemCad

Languages

English (Fluent), France (Beginner), German (Beginner)

PERSONAL INFORMATION

Date and Place of Birth 24 January 1992, Izmir

Marital Status Single

Driving License B Class (2010)

Military Service Postponed

REFERENCES Available upon request