





SELIN NUR DEMIRPARMAK


Chemical Engineer

I have graduated from Chemical Engineering Department at Ege University with my diploma project which is Modelling of Bipolar Membrane Electrodialysis Processes by COMSOL- MULTIPHYSICS. I really believe to integrate to industry with engineering software programs to improve new products. My biggest dream is to be a useful, environmentalist, and pioneer engineer to the future.

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EXPERIENCE

Engineering Intern | TEKNOVET

Aug 2015 - Sep 2015 ▪ 1 mos.
Istanbul, Turkey

I have completed compulsory internship at production unit at Teknovet Pharmaceutical Industry and Trade Incorporation Company for 20 work days. I have learned pharmaceutical industry how it operates. Also I have saw which procedures are important for production criteria like active substance life.

Engineering Intern | TUPRAS

Aug 2017 - Sep 2017 ▪ 1 mos.
Izmir, Turkey

I have completed compulsory internship at diesel hydrocracking unit (DHP) at Izmir Tupras Refinery for 20 work days. I learned to read complex flowsheet. I saw many different types of pump, valves, drums, reactors, heat exchangers, coolers, distillation column, etc. Also I have discussed to the system operation at DHP unit and I have learned to interpret how we can bring the equipment to a better.

EDUCATION

EGE UNIVERCITY

| Chemical Engineering
Edu Lang: English
2.69 /4
Sep 2012- Jan 2018

IZMIR ANATOLIAN HIGH SCHOOL

| Science
Sep 2008- Jun 2012

DRIVING LICENCE

B | 2013

VOLUNTEER EXPERIENCE

Organization Coordinator | Ege University Gateway Career Community

Sep 2013- Sep 2014 ▪ 12 mos.
Education

I have coordinated technical trip organization of related companies.

Organization Committee Member of Young Lieders | AIESEC

AIESEC in Turkey
Nov 2013- Mar 2014 ▪ 5 mos.
Children

I've had in a team which is included by six volunteer university student except me as a committee member at Young Leaders

Project for two months. We have worked with twelve foreign university student at different kindergarten in Izmir. They have shown their traditional things like clothes, food culture and games to kindergarten students with us.

Organization Committee Member of Global Citizen | AIESEC

AIESEC in Turkey
Mar 2014- Apr 2014 ▪ 2 mos.
Education

I have had in an another team which is included by six volunteer university student except me as a committee member at Global Citizen Project for two months. I have worked at a committee that selects university students who reside in my country to work on volunteer projects. We have made introductions by opening a table at our university. Also we have explained volunteer programs at foreign countries to enthusiastic students.

Voluntary Project | Sabahat Akşiray Special Education and Business Application Center

Project name is Renkli Eller
Team Lied
Feb 2015 - May 2015 ▪ 4 mos.

Aim of this project was made people aware of autism. Community service activities are a compulsory lesson at my department. For this purpose any group of university student which have took this lesson should done volunteer activities. So I have joined which is included by eleven volunteer university students except me as a team leader at Renkli Eller Project for one semester. We had organized the kermes at our department and all gain from kermes has donated to this place.

FOREIGN LANGUAGES

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B1	B1	B2
German	A1	A1	-	-	A1

DIGITAL SKILLS



Microsoft Office



Comsol Multiphysics



AutoCad



Minitab



MATLAB



PolyMath



ASP Technology

SEMINARS

3D Leadership Development Program | AIESEC

Mar 2013 • 6 h.

5th National Membrane Technologies and Applications Symposium | MEMTEK (Istanbul Technical University)

Sep 2017 • 18 h.

Poster Prep: Modelling of BMED by COMSOL- MULT

Change and Continuous Improvement, Kaizen | Ummehan Elginkan Vocational and Technical Education Center

Apr 2018 • 4 h.

Trainer: Firat ÖZEL

TS-EN ISO 9001 Quality Management System | Ummehan Elginkan Vocational and Technical Education Center

Apr 2018 • 4 h.

Trainer: Firat ÖZEL

Internal Quality Auditor | Ummehan Elginkan Vocational and Technical Education Center

Apr 2018 • 4 h.

Trainer: Firat ÖZEL

CERTIFICATES

Speaking Course | English Department at Ege University

May 2013 ▪ 32 h.

A1 - German Course Certificate | GOETHE Institut Izmir

Jul 2014 ▪ 56 h.

Business English and Interview Techniques | Izmir International House

Dec 2012

Basic Education on Occupational Safety and Health (Ministry of National Education Approved) | Ummehan Elginkan Vocational and Technical Education Center

May 7 - 13, 2018 ▪ 16 h.

Certificate Points: 75/ 100

Trainer: Niyazi Tekin EKMEKÇİ

PROJECTS

Diploma Project: Modelling of Bipolar Membrane Electrodialysis Processes by COMSOL-MULTIPHYSICS | Ege University

In this study, production of aside-base with saline solution to be designed by using COMSOL-Multiphysics software. Concentration and flux profiles of ions were investigated by using secondary and tertiary current distribution physics under different potentials.

Sep 2016 - Jun 2017

CHEMICAL ENGINEERING DESIGN II: Pilot Plant Design for Acetaldehyde Production | Ege University

Aim of this project is investigate acetaldehyde production method, search economic and environmental effects, each equipment design with constraints, compare politics and social effects.

Sep 2016 - Jun 2017

Separation of Tertiary Butanol from Water-Ethanol Mixture with Using Different Adsorbents | Ege University

Aim of this study is separation of low concentration of tertiary butanol at azeotropic water- ethanol mixture. Adsorption is selecting method after literature in-depth search is done. Powder activated carbon, clinoptilolite zeolite, and strong acid cation exchange resin are used as adsorbent. Different compositions of adsorbent investigated to change concentration of tertiary butanol in the mixture. Reference TBA amount is specified with GC analysis from source mixture. So each set is compared with this reference TBA amount. Unfortunately this study show us selecting adsorbents are not absorbed tertiary butanol at liquid mixture.

Nov 2017 – Feb 2018

INTERESTS



REFERENCES

Prof. Dr. Mustafa DEMIRCI OGLU | Chemical Engineering
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