

GÖKALP GÖZAYDIN

PERSONAL INFORMATION

Date of Birth: 03/08/1991

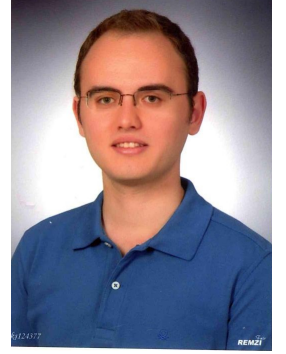
Sex: Male

Nationality: Turkish

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WORK EXPERIENCE

24/09/2013 – 03/01/2014 **Chemical Engineering Intern**

Business or Sector: Petrochemical

PETKİM Petrochemical Corporation, Aliğa-İzmir (Turkey)

I attended the R&D Department of PETKİM in the fall semester of the senior year as an intern under Cooperative Education Course. PVC polymerization and PVC analysis such as particle diameter, distribution, P.S.A.T, K number and color determination were done in this intern. Moreover, attended some polymerization process and analysis such as melting point index, environmental deformation in High density Polyethylene (HDPE) Unit.

24/06/2013 – 19/07/2013 **Chemical Engineering Intern**

Business or Sector: Petroleum Refinery

TUPRAS, Aliğa-Izmir (Turkey)

Material and energy balances, cost analysis were done in the Continuous Catalyst Regeneration Unit and Isomerization Unit during intern. Also, the working principles of the equipments were analyzed in the plants.

18/06/2012 – 06/07/2012 Chemical Engineering Intern

Business or Sector: Petrochemical

PETKİM Petrochemical Corporation, Aliğa-İzmir (Turkey)

Material and energy balances, cost analysis were done in the Polypropylene Plant during intern. Also, the process flow chart of the plant, process principles of the plant and examined feeds, products and chemicals were analyzed in the process. In addition, many experiments were done for identifying the purity of the products in the laboratory.

EDUCATION AND TRAINING

23/09/2009 – 06/06/2014 Chemical Engineering

Izmir Institute of Technology, Izmir (Turkey)

Bachelor of Science

GPA: 3.41/4.0

Main chemical engineering lectures such as engineering design and economic analysis, separation process, chemical reaction and reactor design, mathematical modeling in engineering, fluid dynamics, heat and mass transfer, mass and energy balance were learned. In addition, several presentations and projects were done related to these lectures. In addition, I am the 1st student of Chemical Engineering Department in Izmir Institute of Technology.

PERSONAL SKILLS

Mother Tongue: Turkish

Other Languages:

1) ENGLISH

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C2	C2	C2	C2	C2

2) SPANISH

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
A2	A2	A2	A2	A2

Communication Skills: Communication skill was gained by attending oral presentations and projects during university education.

Computer Skills: Good command of Microsoft Office tools (Word, Excel and Power Point)

Good command of ASPEN Plus, Matlab, Polymath, Solid Work 2007,

FORTRAN

ADDITIONAL INFORMATIONS

Projects:

- 1) Graduate Thesis: “Hydrothermal Conversion of Cellulose into Valuable Chemicals”, 01/2014-06/2014 under the supervision of Assist Prof. Dr. Aslı Yüksel Özşen (asliyuksel@iyte.edu.tr)
- 2) Biodiesel Plant design was done for the economical and design course in the fall semester of the senior year. (October 2014 – June 2014)
- 3) Ethylene Oxide Plant’s Reactor design was done for the economical and design course in the fall semester of the senior year. (December, 2014)
- 4) Ethylene Oxide Plant’s Absorption Column design was done for the economical and design course in the fall semester of the senior year. (December, 2014)
- 5) Report Article: “Production of Hydrogels by Using Different Crosslinkers, Izmir,12/2010” under the supervision of Prof. Dr. Funda Tihminlioğlu (fundatihminlioglu@iyte.edu.tr)

Citations:

Have High Honour Degree in 2nd and 4th semesters in Izmir Institute of Technology

Have Honour Degree in 1st, 3rd, 5th, 6th and 7th semesters in Izmir Institute of Technology

References:

- 1) Ali Erdem Aygök

Polypropylene Plant Manager at PETKİM Petrochemical Corporation

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- 2) Assist. Prof. Dr. Aslı Yüksel Özşen

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3) Prof. Dr. Muhsin Çiftçiöğlü

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