

Bekir Fırat Altınbaş

Research and Teaching Assistant

İzmir, Turkey | +902327506681 | firat.altinbas@hotmail.com

[in linkedin.com/in/firataltinbas/](https://www.linkedin.com/in/firataltinbas/)

Experiences

Research Assistant February 2021 - Cont.

[Izmir Institute of Technology](#)

R&D Engineer Intern November 2019 - January 2020

[IMS Polymers](#)

- IMS Polymers has been developing and producing functional engineering plastics for many sectors including electrical & electronics, white appliances, automotive, energy, healthcare, construction sectors.
- With the cooperative education programme, participated as a R&D Engineer intern, took part in R&D projects and observed how projects proceed and the engineers' duties in the firm.

Production Engineer Intern August 2019 - September 2019

[SOCAR Türkiye - Petkim](#)

- Petkim Petrokimya Holding A.Ş. is the leading petrochemical company of Turkey.
- Production Engineer internship at Polyvinyl Chloride (PVC) Plant.
- At the end of the internship, our project about optimizing the energy costs of some pumps in plant with a bypass line was given 2nd place award among 18 other projects.

Production Engineer Intern August 2018 - September 2018

[Sun Chemical](#)

- Sun Chemical, a member of the DIC group, is a leading producer of printing inks, coatings and supplies, pigments, liquid/solid compounds, and application materials.
- Did my internship as a production engineer intern at varnish production line.
- I did a project about improving the efficiency of the washing system in a varnish production unit, project resulted using 3 tons of less washing solvent per month.

Voluntary Work

Social & Cultural Events Manager October 2016 - May 2017

[IEEE IZTECH Student Branch](#)

- Managed the social and cultural events of the IEEE student branch.

Education

Chemical Engineering, MSc 2020 - Cont.

[Izmir Institute of Technology](#)

Chemical Engineering, BSc 2015 - 2020

[Izmir Institute of Technology](#)

cGPA:3.26/4.00, Graduated as Honour Student

1 High Honour, 5 Honour Certificates

Chemical Engineering February 2018 - June 2018

[Cracow University of Technology](#)

GPA:3.70/4.00, Erasmus+ Programme

High School 2012 - 2015

[Övgü Terzibaşoğlu Anadolu Lisesi](#)

Languages

- Turkish (Native)
- English (Fluent)
- Polish (Beginner)
- Japanese (Beginner)

Projects

- Waste Biomass to Light Olefins: A techno-economic assessment (IZTECH Design Project)
- Synthesis of Natural Adsorbents from Olive Leaves for the Recovery of Lithium from Geothermal Water (Bachelor Thesis at IZTECH)
- Energy Savings on G106A/B Pumps (SOCAR/Petkim)
- Improving the Efficiency of Varnish Production (Sun Chemical)