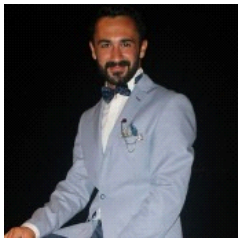
Contact Information



Hasan Safa

E-Mail Address
hasansafa77@gmail.com

Phone
90 (539) 513 23 88

Address
Turkey - Hatay - İskenderun

Birthdate
24/05/1994

Private Info

Gender
Male

Nationality
Republic of Turkey

Military Services
Not Completed

Summary

My name is HASAN SAFA. I was born in a city named Hatay in Turkey. My engineering field researches Metallurgy and Materials Engineering. My department involves Chemical ***Engineering, Electric and Electronic and Machine Engineering so I have remarkable information about these fields. My research background includes 4 years course at İskenderun Chamber of Commerce and ındustry Anatolian High School then, subsequently 4 years studying*** *Metallurgy and Materials engineering* ***at Fırat University. I have studied at West*** *Pomeranian University of Technology, Poland for an academic year as an Erasmus student (2014-2015).*

Experience

1 years
—
3 months

Title
Company Manager

Company Name
NOVAMET ARGE DANIŞMANLIK SANAYİ VE TİCARET LTD. ŞTİ.

City
Mersin

Company Sector
Engineering services

Starting Date
01.2018

Ending Date
03.2019

Job Type
Permanent / Full-time

2 months

Title
Intern Engineer

Company Name
Birlik Döküm San.

City
İstanbul(Avr.)

Company Sector
Engineering services

Starting Date
08.2015

Ending Date
09.2015

Job Type
Intern

2 months

Title
Intern Engineer

Company Name
Nursan Çelik Sanayi Ve Haddecilik A.Ş.

City
Hatay

Company Sector
Metal industry

Starting Date
07.2014

Ending Date
08.2014

Job Type
Intern

Education

Bachelor

University
Fırat University

Faculty
Mechanical Engineering Faculty

Department
Metallurgy Material

Starting Date
09.2012

Ending Date
...

Education Type
Formal Education

Education Language
Turkish

Bachelor

Graduation Degree
4 / 4

University
West Pomeranian University of Technology

Faculty
Mechanical Engineering Faculty

Department
Mechanical Engineering

Starting Date
08.2014

Ending Date
07.2015

Education Type
Formal Education

Education Language
English

Associate Degree

University
Anadolu University

Faculty
Open Learning Faculty

Department
Laboratory Assistant and Veterinary

Starting Date
09.2017

Ending Date
...

Education Type
Open Education

Education Language
Turkish

Languages

Language
English
Good

Level

Competencies

Computer Skills	**Microsoft Word-Excel-PowerPoint, and AutoCad**

Certificates

Certificate Name	Certificate Date	Certificate Institution
symposium	**03.2019**	**2. International Mediterranean Symposium**
life coach	**12.2018**	**ademer**
symposium	**12.2018**	**ciset**
sign language(interpreter)	**09.2017**	**MEB**
sign language	**01.2016**	**rector**
spotlight	**06.2015**	**west pomeranian university of technology**

Exams

Exam Name	Test Date	Test Conducted By
YÖKDİL	**09.2018**	**YÖK**

Projects

Project Name	Project Date	Project URL
Production of ZnO-Graphene Nanocomposites by Sol-Gel Method and Use as Photocatalyst	**07.2018**	**https://muhendislik.cu.edu.tr/tr/Dergi/(33_3_2018)**
Special steel powder production and design for 3D printers	**02.2018**	**https://www.tubitak.gov.tr/**

Project Description

In recent years, great interest in 3D printers, all the production systems that we are used to change in the future, easier, cheaper and everyone can do anything will bring a new production system. Now, polymer 3D printers are being used extensively. Unfortunately, the same is not true for steel printers. In fact, printer type 3D steel printers are important in many industry sectors. Because many parts used are made of steel. One of the biggest obstacles in front of 3D metal printers that are expected to break new ground in production is the prices. The reason for the high price of these printers is that; they need to melt the metal quickly so they can write with steel. Laser systems are currently used for this process. These high -cost laser systems increase their prices in 3D metal printers. In order for these printers to become widespread, their prices should decrease. In order to reduce the price of the laser systems used, or cheaper, or melting process should be done in a cheaper and different system. We believe that the other way of spreading these printers is through raw material. If a number of physical properties of the raw material, such as the melting temperature of the raw material to be used, are changed, then they will have the ability to write down materials such as steel, which are less powerful (and therefore cheaper). In this project, the steel powders to be taken from the outside in accordance with the order will be finalized by

some mechanical and chemical processes by means of optimized conditions and partially reduced particle sizes due to optimized conditions, thus reducing the process temperature by 40-55%. Due to the fact that the particle size of the powders at the end of the process is nano-sized and the process temperature is lowered to 700-850 oC band, the steels can be used easily in less expensive and therefore cheaper printers without the need for expensive steel printers. This product to be produced within the scope of the project will be more expensive than conventional steel powders used in 3D printers. However, since this product is suitable for use in any printer, the consumer will not have to go under high initial costs and buy expensive 3D metal printers. Companies with high-power 3D printer in hand will have the opportunity to lower their costs by running their devices with lower power.

Hobbies and Interests

stone art, ice skating, bowling, walking in forest, camping, treat animals, reading book...

References

Name of Reference	Company	Position in the Company	Phone	E-Mail
ömer güler	**-**	**Professor Doctor**	**-**	**oguler@mersin.edu.tr**
mustafa Taşkın	**-**	**Professor Doctor**	**-**	**mtaskin@mersin.edu.tr**

CV Last Updated : 30.05.2019