

Tunahan Vatansever



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tunavatansever.com

Birth : Orhangazi/Bursa/Turkey

Birth Date : 1995

Live : Siena/Italy

Languages

Turkish – Native

English – C1

Italian – A2

Work Experience

Università degli Studi di Siena, Lab-R&D Engineer : June 2023 - November 2023

Università degli Studi di Siena, Intern R&D Engineer : September 2022 - April 2023

Transolt Self Driving Technologies Inc., Intern R&D Engineer : July - August 2019

EKU Brake and Casting Industry Inc., Intern Maintenance Engineer : July- August 2018

TORK Valve-Automation Inc. Intern Manufacturing Engineer : August- September 2017

Education

Università Di Pisa, Smart Industry (English) - **PhD** : 2023 -

Universita degli Studi di Siena, Engineering Management(English) - **Master** : 2020 - 2023

Yildiz Technical University, Mechatronics Engineering (English) - **Bachelor** : 2014 - 2019

Yildiz Technical University, English Foreign Language : 2013 - 2014

Scholarships

General Directorate of Credit and Dormitories Undergraduate Scholarship : 2013 - 2019

Chamber of Commerce and Industry : 2013 - 2014

Computer Skills

SolidWorks, G code, Matlab, Repetier, Microsoft Office : Advanced

NI Multisim, Microsoft Visual Studio (C, C#, C++), Proteus, FluidSIM, Arduino, iWork, LaTeX, LabVIEW, STM32, PLC : Good

Cmsol, MPLAB, CCS-C, R, Altium: Medium

Course and Certificate

COURSE

English Language Course (Advance) : English Time

PLC(Programmable Logic Controller) : Ministry National Education Directorate

Microprocessor and Programming : Istanbul Innovation Center

Pneumatic and Electro Pneumatic : Istanbul Innovation Center

CERTIFICATE

Young Executive Academy Industry 4.0 Academy Program : Student Career

Photographic Memory and Speed Reading : NLP Career Center

Mechatronics Solutions for Architectural Problem : Istanbul Cultural University

Mechatronics'15 : Yildiz Technical University

Industrial Fluid Measurement and Control Technologies : Tork Academy

Exam Result

ALES (Academic Staff Graduate Education Entrance Exam) Grade:86/100

Project

Clot Permeability Measurement System (Master Thesis)	2022 - 2023
Models for Financial Applications with Matlab	2021 - 2022
Marketing Plan for Innovation and Management with WHOPLAYS	2021 - 2022
Decision Analysis of Vaccinating Campaign with Matlab	2020 - 2021
Automata and Queueing System with Matlab	2020 - 2021
Complex Dynamic Systems - Analysis of Turbulent Flow in Fluid Mechanics Matlab	2020 - 2021
Project Plan - i-Insulin (personalised treatment for patients) as Quality Manager	2020 - 2021
Micro Robot Control in Laminar Flow (Undergraduate Thesis)	2018 - 2019
Remote Car Control with HMI C#	2017 - 2018
Vibration Analysis of 3 Storey Building with Matlab	2017 - 2018
One Hand Powered Mobile Crane Design with SolidWorks	2017 - 2018
Scientific Calculator with C++	2016 - 2017
3D Printer Manufacturing and Prototyping with Repetier	2016 - 2017
Analysis of 3. Order Passive RLC Low Pass Filter with Matlab	2016 - 2017
Washing Machine Control with PLC	2016 - 2017
Smart Home IOT with Arduino	2015 - 2016

Organization

Team leader - Micro Robot Research Group	2018 - 2019
Member - Machine Technologies Student Club	2017 - 2019
Member - Micro Robot Research Group	2017 - 2018
General Coordinator - Mechatronics'17 (Yildiz Technical University)	2017 - 2018
Yildiz Technical University Representative of Mechatronics Engineers Association	2017 - 2018
Member - Mechatronics Engineers Association	2016 - 2020

Voluntary Work

Grantor - AKUT (Search and Rescue Association)	2019 - 2020
President - Yildiz Culture Club - Charity Association for the Pauper Assistant	2017 - 2020
Tüzder (All Wunderkinds Association)	2013 - 2014

Papers

- Title: A portable, low cost clot permeability measurement system - Published: Metroind4.0&IoT IEEE International Workshop, 2023, Brescia, Italy
- Title: Increasing Lateral Force of Micro robot Using Passive Diamagnetic Levitation - Published: International Science and Innovation Congress, 2019, Pamukkale, Denizli, Turkey
- Title: Motion Control of Micro robot in Laminar Flow - Published: International Science and Innovation Congress, 2019, Pamukkale, Denizli, Turkey
- Title: Pasif Diamanyetik Levitasyon Kullanılarak Mikro Robotun Yanal Kuvvetlerinin Arttırılması - Published: TOK, 2019, Second Prize Awarded, Muğla, Turkey
- Title: Laminer Akışta Mikro Robotun Hareket Kontrolü - Published : TOK, 2019, Muğla, Turkey
- Title: Mikro Düzeyde Akış Ölçen Sensör Tasarımı ve Uygulaması - Published : ToRK, 2018, Istanbul, Turkey

Reference

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