



Tuğçe Seren KARASÜRMELE

Molecular Biologist

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PERSONAL STATEMENT

I was born in 1998 in Turkey/Hatay, primary, secondary and high school. I completed my education in Riyadh, Saudi Arabia. I graduated from Malatya İnönü University Molecular Biology and Genetics (100% English) graduate. In this process, I received an 8-week language training in London during the 3-month summer vacation. Afterwards, when I started to take department courses, I joined the Tübitak-2209 project and we published an article in sciencedirect with the faculty members of my department. Apart from that, I learned Python in the bioinformatics programming course, which is an elective, and as a project homework in the structural biology course, I designed ligand-based drugs with drug design programs. Then

WORK EXPERIENCE

Job type: Volunteer Intern

Date: September 2021 – December 2021

Company/Organization: E- TİCARET MERKEZİM

Explanation

We were checking the data information of the products displayed by sites such as Trendyol and Çiçeksepeti from their market places. After checking, we would analyze the correct or incorrect data, add, subtract and edit, allowing the person to understand it more easily, converting it into a file using Excel and forwarding it to the relevant people.

Job type: Volunteer Intern

Date: February 2021 – March 2021

Company/Organization: TEKGEB T.C. DEMİROĞLU SCIENCE UNIVERSITY IN VIVO

Explanation

We Carried Out Experiments on Experimental Animal Model Organism Mice. (Social experiment, Vertical sniffing, Relocation, Measuring Memory, Delivering Electric Shock)

Job Type: Volunteer intern

Date: July 2020- September 2020

Company/Organization: HACETTEPE UNIVERSITY GenVA LABORATORY

Explanation

During my internship, I focused on learning the life history, morphological features, quinal patterns of phenotypic characters associated with body size, and genetic variations of the genus *Melanogaster Drosophila*. I observed how *Drosophila* adapts to the seasonally changing environment.

PROJECT

Job Type: TUBITAK- 2209 Project

Date: March 2019 – August 2020

Company/Organization: TUBITAK- 2209 Project

Project Name: Alphalipoic Acid Using Chitosan Based Polyurethane Membrane Voltometric Determination

www.sciencedirect.com/science/article/abs/pii/S0263224121007119

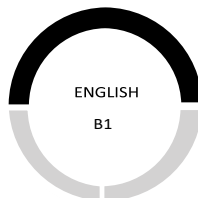
Explanation

The aim of our study is to modify Au electrodes with a polyurethane prepared by using PEG and caffeic acid monomers together, and to prepare a sensor for the electrochemical detection of alpha lipoic acid.

SKILLS

BIOPYTHON	●●●●●●●●	SDS-PAGE
WORDPRESS	●●●●●●●●	ELISA
WORD	●●●●●●●●	WESTERN BLOTTING
EXCELL	●●●●●●●●	DNA ISOLATION
POWERPOINT	●●●●●●●●	GRAM POSITIVE/ NEGATIVE STAINING
ADOBE INDESING	●●●●●●●●	PCR
		CELL CULTURE

LANGUAGES



EDUCATION



September 2017 – February 2022
Bachelor Degree,
İnönü University, MALATYA



July 2017 – September 2017
Language School Education
Education First, LONDON



September 2016 – June 2017
Preparation English language
Inonu University, MALATYA



September 2012 - June 2016
High school,
RUTO, SAUDI ARABIA

VOLUNTEER PROJECTS

Social responsibility project

Subject: Breakthrough

NASA - International Space Apps Challenge: It is a science fiction game that moves faster than light and refers to space mining. We also presented an in-game 3D-Virtual reality project

Social responsibility project

Subject: Adana Transportation Ease

Adana Entrepreneurship Club - Smart City Hackathon 10/2020: We designed an application that can meet the needs of the entire city within the scope of the smart city project.

Social responsibility project

Subject: Disaster and Humanitarian Aid

Angelini University Award 2020 - We Have Health on Our Mind: We designed an application that gathers people under one roof for voluntary aid

17/09/2020- 09/01/2021

I was in the GTU BIOS Magazine Design Team

SEMINAR AND CERTIFICATES

23.04 – 14.05 / 2021 Python Education / IEEE DOĞUŞ UNIVERSITY	24 / 10 / 2020 ISO 13485 Medical Devices Management System Basic Information Training / TAKSİM CONSULTING
08 / 04 / 2021 Column Selection in HPLC and Next Generation HPLC Columns / TURKLAB – ANT TEKNİK	30 / 09 / 2020 The Importance of Total Organic Carbon Analysis, Cleaning Validation and Data Integrity in the Pharmaceutical Industry Webinar / ATOMİKA TEKNİK
28 / 03 / 2021 18. İügen International Molecular Biology And Genetics Winter School / İÜGEN	16-18 / 09 / 2020 Openlab - BIOEXPO ISTANBUL
20-22 / 03 / 2021 Conference on Bioinformatics and Interdisciplinary Approaches / BIOINFORANGE	8-10 / 09 / 2020 Artificial Intelligence Summer School 2020 / SAKARYA UNIVERSITY
12 / 02 / 2021 1. National Structural Biology Workshop / TURKISH STRUCTURAL BIOLOGY SOCIETY	03 / 02 / 2020 V. Hacettepe Biology and Applications Congress
22-24 / 12 / 2020 BioForm VIII / IEEE & YILDIZ TECHNICAL UNIVERSITY	09-10 / 02 / 2019 13. METU AKEK (Aykut Kence Evolution Conference)

REFERENCES

→ İNÖNÜ UNIVERSITY ACADEMIC STAFF / Dr. H. GÖKHAN BAKIR
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→ MIDDLE EAST TECHNICAL UNIVERSITY / PROF. DR. BÜLENT G. AKINOĞLU
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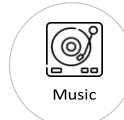
HOBBIES



Cinema



Charcoal



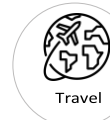
Music



Violin



Theater



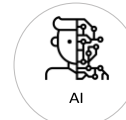
Travel



Handicrafts



Camp



AI



Novel