



Ceren Nizamoğlu

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WORK EXPERIENCE

01/08/2024 – 01/09/2024 İstanbul

SUMMER INTERN İSTANBUL UNIVERSITY / BIOINFORMATICS LABORATORY

During my internship in a bioinformatics laboratory, I used genome analysis tools such as HISAT2 and DESeq2. I created visualizations and graphs using ggplot2 in the R environment for biological data. Additionally, I performed data analysis using Python and libraries like Pandas and Matplotlib. I conducted research in bioinformatics databases such as NCBI and Ensembl. I performed bioinformatics analyses in a Linux environment and conducted functional enrichment analysis using tools like ShinyGO.

01/03/2024 – 01/04/2024 İstanbul

UNDERGRADUATE INTERN İSTANBUL UNIVERSITY / BIOINFORMATICS LABORATORY

During my internship, I learned the basic use of bioinformatics tools. I performed BLAST searches to compare genetic data. I also learned basic Linux commands. Additionally, I conducted literature reviews on the topic. I was involved in tasks such as data collection, organization, and performing basic analyses.

25/08/2022 – 01/07/2024 İstanbul

TEACHER İNEKLE

I provided one-on-one tutoring and solved academic questions for students.

EDUCATION AND TRAINING

09/2022 – CURRENT İstanbul

BACHELOR DEGREE Yıldız Technical University - Molecular Biology and Genetics

Laboratory Skills:

- **Molecular Biology Techniques:** PCR, Gel Electrophoresis
- **Cell Culture Techniques and Microscopy**
- **Bioinformatics Software and Tools:** BLAST, HISAT2, DESeq2
- **Extraction Techniques**

Website <https://www.yildiz.edu.tr/> | **Final grade** 3.23

09/2017 – 07/2021 Mersin

HIGH SCHOOL DIPLOMA 75.Year Science High School

Website <https://mersin75yilfenlisesi.meb.k12.tr/> | **Final grade** 92.75

VOLUNTEERING

02/2023 – CURRENT Community Volunteers Foundation (TOG)

Volunteer

I volunteered in various projects under the Community Volunteers Foundation (TOG), primarily in the field of education.

12/2023 – 08/2024 ISCB - RSG

Active Member

I took part in organizing webinars for ISCB-RSG.

01/2022 – 06/2024 Yıldız Technical University - BİYOGEN

Organisation Coordinator

In the BiYOGEN Club, I first worked in the sponsorship department, gaining experience in building partnerships and securing support for events. Later, I organized a Bioinformatics Conference, taking charge of the planning, coordination, and successful execution of the event.

10/2023 – 03/2024 Yildiz Technical University

Peer Counselor

During peer mentoring, I provided guidance to students with less experience. I supported their academic and social development, helping them overcome challenges they faced.

08/2023 – 09/2023 Erasmus+ Training Course (Norway)

Participant

I participated in an Erasmus+ project in Norway under "Inclusion for Youth," where I developed my teamwork, communication, and intercultural interaction skills.

● **PROJECTS**

12/2024 – CURRENT

Research Project

We are preparing an application for a project under the Scientific and Technological Research Council of Turkey (TÜBİTAK), focusing on the encapsulation of plant polyphenols. The project aims to develop methods to improve the efficacy and bioavailability of these compounds for various industrial applications.

● **LANGUAGE SKILLS**

Mother tongue(s): **TURKISH**

Other language(s): **ENGLISH (B2) | GERMAN (A2)**

● **DIGITAL SKILLS**

Microsoft Office | Google Tools (Google Analytics, Google Ads, Google Trends, Google Drive, Google Meet) | R | Phyton | Linux (Ubuntu)