

Yasemin Safa

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ABOUT ME

A highly motivated Bioengineering student with a solid academic background in biotechnology, molecular biology, and bioinformatics. Currently gaining hands-on experience in quality control and microbiological analysis during a food industry internship. Proficient in laboratory techniques such as Brix and pH measurement, aseptic processing, and spectrophotometry. Skilled in data analysis using Excel and Python, with working knowledge of GMP and ISO standards. Actively engaged in technical student organizations, combining scientific curiosity and teamwork to contribute to real-world solutions in food and health sectors.

WORK EXPERIENCE

 **LIMKON FOOD – ADANA, TURKIYE**
QUALITY CONTROL INTERN – 21/07/2025 – CURRENT

- Conducting physicochemical and microbiological quality control analyses on food products
- Measuring Brix, pH, and color using Atago RX-9000i and ColorFlex HunterLab
- Practicing aseptic techniques and operating basic laboratory instruments
- Applying ISO 22000 and GMP principles in food safety processes

EDUCATION AND TRAINING

09/2022 – CURRENT
BACHELOR OF ENGINEERING (BE), BIOENGINEERING Ege University

Comprehensive education focused on the integration of biology with engineering principles to address challenges in health, environment, and biotechnology. Courses emphasize bioinformatics, molecular biology, and bioprocess engineering, providing both theoretical knowledge and practical laboratory skills. Active participation in research projects, student organizations, and internships, aiming to apply bioengineering solutions in real-world applications.

Relevant Coursework: Microbiology, Molecular Biology, Bioprocess Engineering, Food Safety, Bioinformatics

08/2021 – 08/2022
BACHELOR OF ENGINEERING (BE), MATERIAL SCIENCE AND NANOTECHNOLOGY TOBB Economy and Technology University

VOLUNTEERING

03/2024 – 08/2024
Vice-Chair Of Computer Society at IEEE Ege University Student Branch

Led society meetings, organized events, and supported student projects within the tech domain.

09/2022 – CURRENT
Member of Computer Society at IEEE Ege University Student Branch

- 2023:** Part of the Data Science team, conducting data analysis using Python.
2024: Part of the Game Development team, contributing to game design and development projects.

2023 – CURRENT
AFAD Volunteer

05/2024 – 10/2024
IEEEXtreme'24 Campus Ambassador

Representing the IEEEXtreme programming competition and engaging with students to promote participation.

ORGANISATIONAL SKILLS

CyberEge'24 Coordinator

Served as a coordinator for CyberEge. CyberEge is an annual technology conference organized by the IEEE Ege University Student Branch, focusing on cybersecurity and software development.

Biotech Izmir'24 Coordination Team

SKILLS

Laboratory & Technical Skills

Microbiological Analysis | Aseptic Techniques & Sterilization | Teamwork & Communication in Lab Environment | Physicochemical Quality Control | Knowledge of GMP & HACCP Principles | Spectrophotometry | Analytical Balance, Autoclave, pH meter, Incubator

Digital Skills

Microsoft Office Programs | Bioinformatics Tools (NCBI, Ensembl, Snakemake) | Data Analysis with Python | R

Creative Tools

Digital Drawing/ Sketching | Game Designer | Graphic design (Adobe, Correl, Procreate)

CONFERENCES AND SEMINARS

03/2023 – 03/2023

Çift(İkiqat) Sarmal Günü

We conducted experiments in DNA fingerprinting and DNA extraction.

2023 – 2023 Izmir

Biotech Izmir'23

Biotechnology conference held in İzmir, focusing on the latest advancements and research in the biotechnology sector.

LANGUAGE SKILLS

Mother tongue(s): **TURKISH**

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

CERTIFICATES

11/2023 – 11/2023

ISO 9001:2015 , ISO 14001:2015 , ISO 22000:2018 , ISO 45001:2018

Quality Management System Certificate, Environmental Management System Certificate, Food Safety Management System Certificate, Food Safety Management System Certificate

Available on [LinkedIn](#)