Güneş Başak Özgün

Lausanne, Switzerland (Open to relocate, Permit B holder) | **Email:** gunesozgun98@gmail.com
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Skills

Technical: C++, Python, HTML, MATLAB, CSS (beginner), JavaScript (beginner), SQL (beginner)
Experience in: Agile, Kanban, Jira, Git, Django
Language: Turkish (Native), English (TOEFL 109/120), French (A1)

Education

École Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland Sept 2022 – April 2024 (Expected)
MSc, Computer Science
Minor in Management Technology and Entrepreneurship
Relevant courses: Applied Data Analysis, TCP/IP Networking, Internet
Security and Privacy, Leading and Managing in a Global Context, Innovation
Management, Systems for Data Management and Data Science

Sabancı University, Istanbul, Turkey 2016 - 2021
*BSc, Computer Science & Engineering. GPA: **3.96/4,** Rank: 3/133*
*BSc, Mechatronics Engineering. GPA: **3.95/4,** Rank: 2/39*
Thesis: Application of Autoencoder Neural Networks for CFD Problems
• Awarded with Tuition Scholarship for outstanding GPA between 2018-2021.
• Placed in Dean's High Honor List between 2016-2021.
Relevant courses: Software Engineering, Data Structures, Machine Learning,
Algorithms

Work Experience

Procter & Gamble (P&G), Istanbul, Turkey July 2023 – September 2023
Incoming IT Intern

École Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland Sept 2022 – January 2023
Student Assistant in CS411-Digital Education
• Assisted students with their project work, course concepts and exercises.

Denebunu, Istanbul, Turkey Feb 2021 - June 2021
Software Development Intern
• Resolved 39 issues and fixed 7 bugs by using **JavaScript**, **Python**, **HTML**, **Git**
and **Jira** daily.
• Designed and programmed the Press page to display interviews and news articles
about Denebunu which has more 3 million members.
• Collaborated with Marketing, Product and Operations to create solutions to their
problems and product needs.

Sabancı University, Istanbul, Turkey Jan 2019 - May 2019
Learning Assistant in CS204-Advanced Programming Jan 2020 - May 2020
• Guided students with their course related questions, **C++,** and homework.
• Coordinated office hour sections for 250+ students and 10+ assistants.

Carnegie Mellon University, Pittsburgh, PA, USA

June 2019 - Aug 2019

Summer Research Intern at Zoom Lab

• Built a 3D printed boat in millimeter scale using **SolidWorks** and **MATLAB** that works with Magnetohydrodynamics propulsion.

Selected Projects

École Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland

Feb 2022 - July 2022

Semester Project at Machine Learning & Optimization Lab

• Coded the front end with **Vue** and **HTML** to make collaborative learning more accessible to non-specialists by simplifying user interface.

• Designed the UX of the website using **Figma.**

Sabancı University, Istanbul, Turkey

Feb 2021 - June 2021

Software Engineering Course Project - Cook It Yourself

• Built web and mobile applications for a food delivery service using **Django**, **React**, **HTML**, **JavaScript**, **SQLite**, **Firebase** and **Recombee**.

• Handled front-end engineer, product manager and ScrumMaster roles in a team of five on a rotation basis.

Voluntary Work

Civic Involvement Projects, Istanbul, Turkey

Sept 2016 - Jan 2017

• Prepared mind game exercises to disadvantaged primary school kids and guided them to do critical thinking and develop their problem-solving skills.

Interests

Playing piano, reading mythology books, sailing, and creating new recipes.