

Güneş Başak Özgün

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Skills

Technical: C++, Python, HTML, MATLAB, CSS (beginner), JavaScript (beginner), SQL (beginner), Scala (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 2021 – 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

Sabanci 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.

Sabanci 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 2023-May 2023

Systems for Data Management and Data Science Course Project

- Analyzed movie-ratings and user reviews data with **Apache Spark** and **Scala**.
- Built a recommender system for users with Locality-Sensitive Hashing & Collaborative Filtering.

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

Feb 2022 - July 2022

Semester Project at Machine Learning & Optimization Lab

- Built the front end with **Vue** and **HTML** to make collaborative learning more accessible to non-specialists by simplifying user interface.
- Designed an intuitive 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

LauzHack, Lausanne, Switzerland

May 2023 - present

Marketing and communication team

- LauzHack is a student-run hackathon and workshop organizer at EPFL.
- Organized workshops, reached out to students to collaborate.
- Managed LauzHack's presence on Telegram app.

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.