Güneş Başak Özgün

Lausanne, Switzerland (Open to relocate, Permit B holder) | **Email:** gunes.ozgun@epfl.ch
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Skills

Technical: C++, Python, HTML, CSS, 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 - Jul 2024 (Expected)
MSc, Computer Science and 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
Relevant courses: Software Engineering, Data Structures, Machine Learning, Negotiation Skills

Work Experience

KITRO, Zurich, Switzerland   Sept 2023 - present
Software Developer Intern

Procter & Gamble (P&G), Istanbul, Turkey   Jul 2023 – Sept 2023
IT Intern – Marketing Technology

• Conducted **SQL** queries to boost data accuracy on **Google BigQuery**, resulting in **40% accuracy improvement** for Turkey's data and **4% overall accuracy improvement** for regional dashboard used for strategic decision making.
• Investigated industry-leading practices on cashback solutions and best practices for enhancing P&G applications.

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

Denebunu, Istanbul, Turkey   Feb 2021 - Jun 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 news about Denebunu which has more 3 million members.

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   Jun 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 - Jul 2022
Semester Project at Machine Learning & Optimization Lab

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

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

Sabancı University, Istanbul, Turkey   Feb 2021 - Jun 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.

• Created posts on Telegram, LinkedIn and Instagram.

Interests

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