

GÜNEŞ BAŞAK ÖZGÜN

Lausanne, Switzerland | gunes.ozgun@epfl.ch | <https://gozgun.github.io/> | [in gunes-ozgun](#) | [gozgun](#)

SKILLS

Technical: C++, Python, SQL, React, Typescript, JavaScript, HTML, CSS, Scala, Java

Developer Tools: Agile & Scrum, Jira, Git, Docker, PostgreSQL, Hugging Face, AWS, GitLab, PowerBI

Languages: English (TOEFL 109/120), French (B1), Turkish (Native)

EDUCATION

École Polytechnique Fédérale de Lausanne (EPFL) | Lausanne, Switzerland 09/2021 – 09/2024

MSc, Computer Science GPA: 5.3/6.0

Minor, Management Technology and Entrepreneurship

Relevant coursework: Applied Data Analysis, Internet Security and Privacy, Machine Learning, Ethics and Law of AI,

TCP/IP Networking, Presentation Skills, Leading and Managing in a Global Context, Innovation Management

Sabancı University | Istanbul, Turkey 09/2016 – 06/2021

BSc, Computer Science & Engineering GPA: 3.96/4.0, Rank: 3/133

BSc, Mechatronics Engineering GPA: 3.95/4.0, Rank: 2/39

WORK & RESEARCH EXPERIENCE

AXA Group Operations | Lausanne, Switzerland 03/2024 – 08/2024

Master Thesis Student - Group Emerging Tech & Data - AI Research Team

- Developed a LLM pipeline using **Llama 3**, **fairlearn** and **Python** to audit AI systems for fairness, elevating awareness among technical stakeholders and implemented automated evaluation by utilizing **GPT-4**.
- The audit involved ethics analysis and automated code generation for fairness measurement and mitigation, aimed at enterprise-wide implementation.

KITRO | Zurich, Switzerland 09/2023 – 02/2024

Software Developer Intern

- Enhanced monitoring and alarm systems through **Agile** methodologies, implementing frontend solutions with **ReactJS** and **TypeScript**, and backend functionalities with **Python**, **PostgreSQL**, and **AWS Lambda**.
- Led the revitalization of an in-house problem reporting tool for food image labelers by utilizing **AWS S3**.

Procter & Gamble (P&G) | Istanbul, Turkey 07/2023 – 09/2023

IT Intern – Marketing Technology

- Engineered **advanced SQL** queries to improve data accuracy on **BigQuery** dashboards, achieving a **40% increase** for Turkey and **4% for Europe**, aiding critical business decisions for P&G digital platform campaigns.
- Enhanced digital cashback campaigns through in-depth market research and analysis of industry trends.

Denebunu | Istanbul, Turkey 02/2021 – 06/2021

Software Development Intern

- Successfully tackled a high volume of issues and bugs (39+ issues, 7+ bugs) within a fast-paced, **Agile** environment, utilizing **Django**, **JavaScript**, **Python**, **HTML**, **Git**, and **Jira**.
- Led and independently developed an interactive Press page showcasing Denebunu's media presence and enhanced brand visibility among its **3 million members**.

Carnegie Mellon University | Pittsburgh, PA, USA 06/2019 – 08/2019

Summer Research Intern at Zoom Lab

- Engineered a millimeter-scale 3D printed boat using **SolidWorks** and **MATLAB**, powered by Magnetohydrodynamic propulsion as a basis for nanoscale motorless drug delivery robots.

SELECTED PROJECTS

École Polytechnique Fédérale de Lausanne (EPFL) | Lausanne, Switzerland 02/2022 – 07/2022

Semester Project at MLO Lab - UI Transformation Lead: DISTRibuted COLlaborative Learning

- Took ownership of transforming DISCO's front-end experience, independently learning and implementing **Vue.js**, **Node.js** and **UI design principles** to build an intuitive and user-friendly interface for non-technical users.

Sabancı University | Istanbul, Turkey

02/2021 – 06/2021

Software Engineering Course Project - Cook It Yourself

- Developed and designed core features, building both web and mobile applications using **Django**, **React**, **Recombee** and **Firebase**.
- Rotated roles as **front-end engineer**, **product manager**, and **ScrumMaster**.

EXTRACURRICULAR ACTIVITIES & LEADERSHIP

Playing piano (especially Debussy), Greek mythology, sailing, culinary experiments, and appreciating impressionist art.

LauzHack | Co-Vice President & Marketing and Communication Team Lead

05/2023 – Ongoing

LauzHack is a student-run hackathon and workshop organizer at EPFL

- Managed the digital presence of LauzHack (Discord, LinkedIn, and Instagram) and achieved a **185% growth** in followers across platforms, significantly enhancing the organization's reach and engagement.