



## Contact

### Phone

+358 44 931 1121

### Email

erenfidanbusiness@gmail.com

### Address

Espoo, Finland

## Education

2025 – 2027

### Mechanical Engineer (Excellence Scholarship 100%)

Aalto University

Marine Technology Major

2020 – 2024

### Management Engineering (Double Major Program)

Istanbul Technical University

**Thesis:** Categorizing risk-return expectations of investors, and developing a customized subsection for the users of the banking applications.

2019 – 2024

### Shipbuilding & Ocean Engineering

Istanbul Technical University

**Thesis:** An Analysis of SDG-Driven Strategies to Mitigate Ocean Health Crises for Enhanced Marine Ecosystem Resilience

## Competencies

- **Project coordination:**
  - action registers, decision logs, stakeholder follow-up • Excel (advanced)
- **Power BI (working), Python**
- **FEA, FEM**
- **MATLAB**
- **AutoCAD, Rhinoceros**
- **Microsoft 365**
  - Teams/SharePoint/OneDrive
- **Cross-cultural teamwork, sound judgment under ambiguity**
- **Documentation & Reporting**

## Language

English

Finnish (A1)

Turkish

# Eren Fidan [ˈe.ren]

## M.Sc. Mechanical Engineering

Mechanical Engineering Master's student with a cross-disciplinary background and hands-on experience translating physics into models, running data-driven analyses, and documenting results. Strong Python-based analysis and visualization workflow, CAD proficiency (Siemens NX / SolidWorks), and ability to collaborate across in complex engineering environments. I have also been a musician, a G & Bb clarinet player for 12 years.

## Experience

Aug 2024 – Oct 2025

Turkish Airlines Technic, Istanbul, Türkiye



### Business Development Engineer, Strategic Projects Dept.

- Operate in an accuracy-critical environment where traceability, approvals, and documentation quality directly affect execution outcomes.
- Reviewed and coordinated a 650+ page multi-agreement contract suite for a new wide-body engine facility between **Rolls-Royce & Turkish Airlines**; maintained structured registers for open items, decisions, and owners to keep progress auditable.
- Consolidated inputs across engineering, procurement, legal, finance, and operations; produced clear written summaries and action logs to reduce ambiguity and keep cross-team work synchronized.
- Built disciplined follow-up routines for complex dependencies—transferable to defect triage, regression follow-up, and test evidence tracking.

Jan 2023 – Jun 2024

Schneider Electric HQ, Istanbul, Türkiye



### Data Scientist, Strategy & Digital Transformation Dept.

- Built Python-based analytics workflows covering data preparation, cleaning, manipulation, and exploratory data analysis (EDA).
- Delivered an interactive global data-distribution mapping solution using GeoPy + Folium; deployed as a no-code shareable platform for cross-team access and reuse.
- Prepared and presented company strategic plans for 2025 and 2027, translating analysis into actionable initiatives and targets. Built a data-driven prediction model in collaboration with multiple departments to support incremental revenue generation; enabled >60% annual increase.

Jun 2022 – Sep 2022

Aalto University, Espoo, Finland



### Research Assistant

- Contributed to a systematic literature review on seakeeping and wave load analysis; applied consistent screening, documentation, and traceability practices under academic review standards

May 2021 – Jun 2022

TUBITAK, Istanbul, Türkiye



### Research Project Student

- Contributed to 3 chapters (**SDG 9, 16, 17**) covering **34 emerging technologies**; work drew on reviews of business models of 650 companies.
- Open access book reached **2M+ accesses/views after publication**. Access [here](#).

Jul 2021 – Aug 2021

Sedef Shipyard, Istanbul, Türkiye



### Production Engineering Intern

- Supported production engineering follow-up and revision tracking in a complex build/conversion environment; gained practical appreciation for change control and error prevention.

## References

Available upon request.