John Doe

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Summary

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Education

BS   **BoÄŸaziÃ§i University**, Mechanical Engineering   Istanbul, Turkey
- GPA: 3.10/4.00 ([Transcript] ↗)
- Class rank: 10 of 62

Sept. 2017 to Jan. 2023

The University of Texas at Austin, Mechanical Engineering, Student Exchange Program   Austin, TX, USA
- GPA: 4.00/4.00 ([Transcript] ↗)

Aug. 2021 to Jan. 2022

Work Experience

CERN, Mechanical Engineer   Geneva, Switzerland — Feb. 2023 to present — 9 months
- CERN is a research organization that operates the world's largest and most powerful particle accelerator.
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AmIACompany, Summer Intern   Istanbul, Turkey — June 2022 to Aug. 2022 — 2 months
- AmIACompany is a technology company that provides web-based engineering applications that enable the simulation and optimization of products and manufacturing tools.
- Modeled and simulated a metal-forming process deep drawing using finite element analysis with open-source software called CalculiX.

Academic Projects

Design and Construction of a Dynamometer, view on my website ↗   Istanbul, Turkey — Fall 2022
- Designed and constructed a controllable dynamometer that measures an electric motor's torque and power output at different speeds for my senior design project.

Design and Construction of an Automatic Guitar Tuner, view on my website ↗   Istanbul, Turkey — Fall 2020
- Designed, built, and programmed a microcontroller-based device that tunes a guitar with DC motors as part of a mechatronics course term project.

Certificates

Machine Learning by Stanford University, Certificate ↗   Sept. 2022

Personal Projects

Ray Tracing in C++, view on my website ↗   Spring 2021
- Coded a ray tracer in C++ that can render scenes with multiple light sources, spheres, and planes with reflection and refraction properties.

Skills

Programming: C++, C, Python, JavaScript, MATLAB, Lua, LaTeX

OS: Windows, Ubuntu

Other tools: Git, Premake, HTML, CSS, React

Languages: English (Advanced), French (Lower Intermediate), Turkish (Native)

Test Scores

TOEFL: 113/120 â€" Reading: 29/30, Listening: 30/30, Speaking: 27/30, Writing: 27/30 (Score Report ↗)

GRE: Verbal Reasoning: 160/170, Quantitative Reasoning: 170/170, Analytical Writing: 5.5/6 (Score Report ↗)

Extracurricular Activities

Dumanlikiz Skiing Club, Co-founder / Skiing Instructor   Chamonix, France
- Taught skiing during winters as a certified skiing instructor.   Summer 2017 and 2018

Publications

Phononic band gaps induced by inertial amplification in periodic media   Aug. 2007
Author 1, *John Doe*, Author 3
DOI: 10.1103/PhysRevB.76.054309 ↗

My Custom Section

Testing custom sections: Wohooo!

This is a: OneLineEntry!

My Other Custom Section

HA   **Hop!**, Hop!   June 2022 to Aug. 2022
                                               2 months
- There are only five types of entries: *EducationEntry*, *ExperienceEntry*, *NormalEntry*, *OneLineEntry*, and *PublicationEntry*.
- This is an EducationEntry!

My Third Custom Section

Hop!, Hop!   My Location
                                    My Date
- I think this is really working. This is an *ExperienceEntry*!

My Final Custom Section

This is a normal entry!
- You don't have to specify a *date* or **location** every time.
- You can use *Markdown* in the **highlights**!