Languages

- **Python (Data Science, Web)**
- **Angular.js**
- **React.js (Vanilla, Native)**
- **C# (.NET, ASP.NET)**
- **Java**

Skills

- Data Preprocessing, Filtering, Visualization
- ML Model Preparation, Training
- Theoretical Data Science
- UI / UX Design (Web, Native Apps)
- Mobile App Development
- Full Stack Web Development
- Scientific Computing

Education

- DEU, Electrical-Electronics Eng. 2019-2023, GPA: 3.04, 100% English
- Hochschule Koblenz, Elektrotechnik 2021 WS, Erasmus, 100% German
- DEU, Mechanical Eng. 2018-2019, GPA: 3.13, 30% English

References

- Yeşim ZORAL
  Head of Department
  DEU Electrical - Electronics Eng.
  Email: yesim.zoral@gmail.com
- Cenk GÖKTÜRK
  Chief Technology Officer
  Global Trust Technologies
  Email: cgokturk@amforaapp.com

Hobbies

Playing electric and bass guitar, tattoo design, calligraphy, muay thai, swimming, hiking, cooking

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Sedat Sözen

✉ sedatsozen1@gmail.com

Software Engineer / Data Scientist / UI - UX Designer

◆ Turkish (C1) ◆ English (C1) ◆ German (C1) ◆ Spanish (B2)

Work Experience

Robert Bosch GmbH - Web Designer / Technical Sales (March 2023 - Cont.)

- Development of a Car Renting System for the factories located in Bursa / Turkey including Frontend, Backend and Database Integrations. (Angular.js, Visual C#)
- Various contributions and consultations to the Bosch Software Development Team regarding bug fixing, Frontend design and sample data generation for multiple web applications (Angular.js, Visual C#)
- Documentation of various products developed by the Software Development Team and designing the apperance of these documents in order to make them look professional and attractive. Making the presentations for these products and making them look elegant and professional.

One of the Biggest Arbitration Centers in Turkey - Maintanence (May - July 23)

- Member of a team to maintain the infrastructure of their website and their platform to handle the lawsuits (Wordpress, Python, Django)

Independent Contractor - Data Scientist / Mobile Developer (Oct 22 - May 23)

- Social Media (Twitter) Analysis Program with NLP and Sentiment Analysis (Python, Flask)
- Contribution to a stock market algorithm that gathers data, filters and creates a model from the data. Various contributions to other algorithms. (Python)
- Development of multiple mobile apps and websites. (React, React Native)

Aselsan Corporation - UI / UX Design Intern (July - August 2022)

- Design and modernization of the UI for the naval defence system "Kırlangıç" and integration of that UI to Web. (HTML-CSS-JS, ASP.NET)
- Creation of the communication protocols between Kırlangıç and the UI using TCP and UDP. (Visual C#, ASP.NET)
- Fix and troubleshooting of various errors in the embedded interface of Kırlangıç.
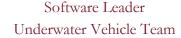
Nursan Cable Assemblies - Android Developer Intern (July - August 2021)

- Development of an Android App which controls the workflow of the R&D team which is connected to the website and database of the company. (Java, HTML-CSS-Javascript)
- Development of a system for Android Studio that allows users to develop Android applications using vanilla HTML-CSS-JS and non-framefork JS libraries. (Java, JS)

Projects / Involvements

Automatic Music Transcription
Final Year Project

Development of an automatic music transcription program that separates every instrument with Machine Learning and extracts each note using Signal Processing Techniques.
(Python, MATLAB)

Software Leader
Underwater Vehicle Team

Leader of the Software Team. Development of the UI of an underwater vehicle and establishment of control / communication software and hardware of the vehicle.
(Python, Java)