

# SARP TOPRAK BIRBEN

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## Education

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Vrije Universiteit Amsterdam, Netherlands

- **BSc** Computer Science

## Language

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- **Turkish:** Native
- **English:** Fluent

## Technical Experience

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- Full-Stack Application in Swift - [morethantasks](#)
  - **Developed** a productivity tool focused on task management, and improve productivity
  - **Enabled** users to track tasks, categorize them by purpose, and set long-term visions
  - **Implemented** database structure in **postgresql** and **sqlite** for online and offline availability.
  - **Built** full-stack application to improve personal productivity workflow
  - Showcased skills in creating goal-oriented, user-centered applications
- Portfolio - [birbentoprak.com](#)
  - **Designed** UI/UX mockups in Figma and **implemented** the site using React and Next.js
  - **Optimized** for responsiveness and performance, demonstrating component-based front-end architecture
  - **Showcased** personal projects and development expertise with a polished and professional layout

## Skills

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- React
- Java
- Robotics
- Software Development
- Machine Learning
- Google API
- Python
- C++
- Full-Stack Engineer

## Volunteering

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- **FIRST Robotics** 2018 - 2022
  - Led my high school in robotics through multiple competitions over 4 years.
  - Collaborated in designing, building, and programming custom robots under tight deadlines.
  - Applied problem-solving techniques, systems engineering principles, and CAD tools to real-world challenges.
- **Coding Summit** - 2021 & 2022
  - Volunteered to teach introductory Java programming to all age groups with diverse backgrounds.
  - Explained the core concept of object-oriented functional programming by debugging and reinforcing problem-solving skills.