Burak Eroğlu
Computer Engineer Intern

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As a senior computer engineering student, I am passionate about developing interactive and visually engaging digital experiences. I enjoy working on both the technical and design aspects of projects, particularly in web development. I am always eager to expand my skill set, explore new technologies, and improve my problem-solving abilities. Currently, I am focusing on JavaScript, Electron, and D3.js to enhance my capabilities in front-end development and data-driven visualizations.

Projects

Derin Akademi TUBİTAK Project (HTML, CSS, JavaScript, GSAP, RIVE)

- Designed a landing page for our TUBİTAK Project with my academic advisor. Using HTML, CSS, JavaScript, GSAP and Rive.
- Integrated interactive animations with GSAP and Rive to enhance user engagement and visual appeal.
- Implemented a responsive and dynamic layout, ensuring seamless performance across devices.

Personal Portfolio (HTML, CSS, JavaScript)

- Developed a personal portfolio website to showcase projects and skills.
- Designed an interactive and visually appealing layout using HTML, CSS, and JavaScript.
- Integrated dynamic text effects and smooth transitions to enhance user experience.

Egg Boiling Timer (Electron.js, JavaScript, HTML, CSS)

- Developed an interactive desktop application to simulate an egg boiling timer using Electron.js.
- Implemented real-time countdown functionality with animated, hand-drawn egg illustrations that move while boiling.
- Designed a visually appealing UI with customized buttons, popups, and animated elements.

Roll Dice & Toss Coin (Vanilla JavaScript, HTML, CSS)

- Developed an interactive web application for dice rolling and coin tossing using HTML, CSS, and vanilla JavaScript.
- Implemented animations including dice shake effects, 3D coin flip transitions, and dynamic outcome counters.
- Ensured responsive, mobile-friendly design with Bootstrap and Flexbox, optimizing user experience across devices.

Frames of Magyarorszag (HTML, CSS)

- Designed a four-page photography website to showcase my own captured images.
- Ensured responsive layout for seamless viewing across various devices.
- Independently handled both design and development aspects of the project.

Matrix Multiplication Visualization (D3.js, JavaScript)

- Developed an interactive web application to visualize matrix multiplication using D3.js.
- Implemented step-by-step animations to highlight element-wise multiplications dynamically.
- Ensured responsiveness and clarity in data representation using HTML, CSS, and JavaScript.

Education

Izmir Institute of Technology

Bachelor's in Computer Engineering

Sep 2022 –

Eötvös Loránd University

Erasmus+

Sep 2024 – Feb 2025

Muğla Sıtkı Koçman University

Bachelor's in Computer Engineering

Sep 2020 – Jun 2022

Skills

Python	Bootstrap	Prototyping
Java	Electron	Figma
C	D3.js	Git
HTML	SQL	Project Management
CSS	Rest API	
JavaScript	UI Design	

Other

Course

The Complete Full-Stack Web Development Bootcamp   In progress

Languages

Turkish   Native

English   Professional Proficiency

Japanese   Elementary Proficiency

Interests

Photography, Computer Games, Drawing, Music, Dramas, Anime