



# ERHAN TEZCAN

FULL-STACK BLOCKCHAIN DEVELOPER

## WORK EXPERIENCE

### DYNASTY STUDIOS

Full-time Blockchain Developer

Istanbul, Turkey

Aug. 2022 - present

Worked on testing and implementing a NextJS front-end for a specific EIP-2535 implementation. Implemented a signature-based auth. backend with ExpressJS.

### MACERITA

Self-employed Full-stack Developer

Istanbul, Turkey

Mar. 2022 - Jun. 2022

I worked on building the frontend & backend using TypeScript, NextJS, Express, and PostgreSQL via Prisma ORM. I have used AWS EC2 to host both parts.

### KOÇ UNIVERSITY

Full-time Graduate Research & Teaching Assistant

Istanbul, Turkey

Sep. 2019 - Feb. 2022

As a member of ParCoreLab under the advisory of Dr. Didem Unat, I researched SpMV optimizations on NVIDIA GPUs using mixed-precision techniques. The work was partly supported by the SparCity project. Used CUDA C++, Python and Slurm. As a teaching assistant, I have conducted problem sessions and prepared material for Parallel Programming, Programming Language Concepts, and Senior Project.

### SOCIABLE, INC.

Full-time Backend Developer

Istanbul, Turkey

Jul. 2018 - Sep. 2018

I have implemented additional modules in a NodeJS express backend, with external API usages and unit tests. Used JavaScript and MongoDB.

### ATA TECHNOLOGY PLATFORMS (ATP)

Part-time Software Specialist

Istanbul, Turkey

Sep. 2016 - Apr. 2017

I worked under CRM-department with partial support to IoT department. Used C# and T-SQL.

## EDUCATION

### KOÇ UNIVERSITY

M.Sc. Computer Science & Engineering

Istanbul, Turkey

Sep. 2019 - Feb. 2022

Graduated with High Honors, 3.93 / 4.00 GPA

M.Sc. Thesis Title: Exploring Mixed and Multi-Precision SpMV for GPUs

### WARSAW UNIVERSITY OF TECHNOLOGY

Erasmus+ Exchange Computer Engineering

Warsaw, Poland

Feb. 2018 - Jun. 2018

### YILDIZ TECHNICAL UNIVERSITY

B.Sc. Computer Engineering

Istanbul, Turkey

Sep. 2014 - Feb. 2019

Graduated with High Honors, 3.54 / 4.00 GPA

## PROJECTS

### Homepage

My homepage [erhan.me](https://erhan.me), made with NextJS + TS, and MantineUI.

### Blockchattin

A decentralized chatting application, made with NextJS + TS, Solidity.

### Hashgraph

Hedera Hashgraph implementation made in Go language.

### SpotiStuff

A collection of tools made with Spotify Web API, NextJS + TS.

### Flashysort

My own sorting algorithm, similar to Flashsort; made in C++.

### Profile Matching

ML-powered profile matcher among Twitter and Facebook, in Python.

I build & engineer computer software; driven by a thirst for knowledge and with respect to style, standards, security, and scalability.

## INFORMATION

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github [erhan](https://github.com/erhan)  
birthdate 21.11.1996

## LANGUAGES

Turkish **Native**  
English **Advanced**

## SKILLS

- TypeScript & JavaScript
- NextJS & ReactJS
- Solidity
- NodeJS & ExpressJS
- PostgreSQL & Prisma
- HTML & SASS
- Python
- Git & GitHub
- Jira & Asana
- C & CUDA C++
- AWS EC2 & AWS S3
- LaTeX & Markdown

## HOBBIES

- Mathematics
- Cryptography
- Music Curation
- Electric & Bass Guitar
- Classical Guitar
- Creative Coding
- Running