ERHAN TEZCAN

FULL-STACK BLOCKCHAIN DEVELOPER

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

INFORMATION

phone	+90 539 479 77 48
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scholar	erhantezcan
web	erhant.me
github	erhant
birthdate	21.11.1996

LANGUAGES

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

SKILLS

- TypeScript & JavaScript
- NextJS & ReactJS
- Solidity
- NodeJS & ExpressJS
- PgSQL & Prisma
- HTML & SASS
- Go
- 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

WORK EXPERIENCE

DYNASTY STUDIOS
Full-time Blockchain Developer
Istanbul, Turkey
Aug. 2022 - present

Developed a NextJS app for a specific EIP-2535 implementation. Worked on a novel gaming-based token implementation.

MACERITA
Self-employed Full-stack Developer
Istanbul, Turkey
Mar. 2022 - Jun. 2022

I worked on building the frontend & backend using TypeScript, NextJS, Express, and PgSQL via Prisma ORM. Used AWS EC2 for hosting.

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: **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 erhant.me, made with NextJS + TS, and MantineUI.

Hashgraph
Hedera Hashgraph implementation in Go language.

Contract Playground
Hardhat + TS starter template, with contracts & tests for several token standards.

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

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

NextJS + Web3 Starter
NextJS + Web3 starter repository, with pre-deployed example contracts.