Alper Gundogdu

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Computer Scientist

Co-founder *2026 - Present*
deCDN Labs, Inc. *London, UK*

- Built a decentralized delivery protocol for open-source AI model distribution.
- Shaped the product around proof of delivery, node economics, and per-MB consumer pricing.
- Worked on the early protocol and fundraising path with a small founder team.

Founding Engineer - CTO *2025 - Present*
Best in Slot, LLC FZ *Dubai, UAE - London, UK*

- Built Bitcoin infrastructure: ordinals, indexers, cryptography, and smart contracts on Bitcoin.
- Authored BRC-2.0, an open-source protocol that adds smart contracts to Bitcoin's BRC-20 infrastructure. Shipped in under a year, integrated with Unisat and OKX, and now supports live DeFi products.
- Helped take the project from zero to shipped infrastructure in a high-trust, high-ownership environment.

Software Engineer *2016 - 2024*
Google *London, UK*

- Worked on Wear OS, an operating system for smart-watches based on Android framework. My work was mostly to design and implement first-party experiences and developer-facing APIs.
- I was the Lead Engineer for Tiles, a new surface that displays glanceable app previews. This was a multi-quarter, multi-team project that was presented at Google I/O in 2019. Check the announcement here: https://bit.ly/tiles-google-blog
- Implemented a complication rendering API (https://bit.ly/complication-rendering-api) to help Watch Face developers support Complications. This was presented at Google I/O in 2017 (https://bit.ly/complication-rendering-io).
- Set up logging and created monitoring dashboards for Complications and Tiles to analyse patterns and trends in user behavior, to make sure we can make product decisions based on available data.

Front-end Software Engineer *2015 - 2016*
Anvato Inc. *Ankara, TR*

- Designed a JavaScript video player for Fire TV. HTML video rendering was slow compared to native rendering, so I added support for connecting it to a native Android video player via a JavaScript API.
- Worked with partners such as NBC and SNI to help with integration.

VoIP Security Engineer Intern *Summer, 2014*
NETAŞ Telecom Inc. *Istanbul, TR*

- Implemented a statistics module in C++ that gets sample data from a network capturing system and exports the aggregated data to a remote database server with an interval and a test module that compares the expected values and distributions to the observed ones using statistical test methods. Modules will be used in a VoIP firewall to detect intrusions and network anomalies.

Web Developer *Jul, 2012 - Aug, 2013*
Sinaps Inc. *Ankara, TR*

- Designed databases, MVC systems and complex SQL queries like friend suggestions and newsfeed collection. Took place in both backend and frontend development of Anlatsin (https://anlatsin.com) project.

Education

B.Sc. in Computer Engineering, cGPA: 3.35 *2011 - 2015*
Bilkent University, Turkey

Honors & Awards

4th Rank, DefCamp Capture The Flag Competition (D-CTF) *Nov, 2014*
CCSIR Cyber Security Research Center from Romania *Bucharest, Romania*

2nd Rank, National Cyber Security Competition (Siber Meydan) *Dec, 2013*
The Scientific and Technological Research Council of Turkey *Istanbul, Turkey*

1st Rank, Regional Olympiad in Informatics *May, 2010*
The Scientific and Technological Research Council of Turkey *Izmir, Turkey*

Bronze Medal, National Olympiad in Informatics *Dec, 2009*
The Scientific and Technological Research Council of Turkey *Ankara, Turkey*

Silver Medal, National Project Olympiad in Informatics *May, 2009*
The Scientific and Technological Research Council of Turkey *Ankara, Turkey*

Gold Medal, International Computer Project Olympiad *Nov, 2008*
Turkmenistan Ministry of Education *Ashgabat, Turkmenistan*

Selected Projects

CoinAMI *Sep, 2014 - Jun, 2015*

Related Skills: Software Architecture, Project Management
A Cryptocurrency that uses DNA sequence alignment problem as its proof-of-work. I was the project manager of the team and worked on software & database architecture and implementation of a web service. The project was a Senior Design Project and it was also presented in HiTSeq conference in Dublin, Ireland. More info can be found at project's website http://coinami.github.io

GenoScope *May, 2012*

Related Skills: Java Development, Object-Oriented Software Design
A visualizer tool for genomic annotation data, it supports different official and academical data-types for different statistical information about genetics. It also has a github repository at https://github.com/alimg/parasight

Smart Paper *Dec, 2008 - May, 2009*

Related Skills: C++ Development, Computer Vision

A program that allows user to use a paper and a pen as a touchpad or touch screen. Program gets input from a webcam and detects the paper automatically. Awarded a silver medal at National Project Olympiad held by TUBITAK. A detailed video about it can be found at http://youtu.be/rBlZmNAtGXw

Height Control *Nov - Dec, 2008*

Related Skills: C++ Development, Computer Vision
A program that measures height through webcam. Awarded a Gold Medal at International Computer Project Olympiad in Turkmenistan.

Technical Skills

Languages: Rust, TypeScript, Java, Kotlin
Areas: Bitcoin, EVM, Distributed Systems, Android, Cryptography
Tools: PostgreSQL, Git, React