

Alperen Serkan Aksöz

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EDUCATION

- Istanbul Technical University** Istanbul, Turkey
Bachelor of Science - Computer Engineering 2019 - 2024

SKILLS SUMMARY

- **Interests:** Software Architecture, Blockchain, Databases
- **Languages:** Rust, Python, Typescript, C, C++, Go, Haskell
- **Frameworks/Libraries:** Nest.js, Next.js, Spring Boot, FastAPI, Fiber, Axum
- **Databases:** PostgreSQL, MongoDB, Redis, Elasticsearch, Firestore
- **Tools:** Linux, Docker, Kubernetes, Git, L^AT_EX, AWS, Vim
- **Soft Skills:** Creativity, Leadership, Time Management, Googling

EXPERIENCE

- **Confidential Company** *Dec 2023 - present*
Blockchain Engineer — Somewhere/World
Rust, Go, Typescript.
- **Freelancer** *Nov 2022 - Dec 2023*
Fullstack Developer — Istanbul/Turkey
Nest.js, Next.js, Typescript, MongoDB, AWS.
- **Modaramo Media** *Jul 2022 - Feb 2023*
Backend Engineer — New York/USA (remote)
Typescript, Express, MongoDB, Redis, Stripe, AWS.
- **Parton Big Data Analytics** *Jan 2022 - Sep 2022*
Backend & Machine Learning Engineer — Istanbul/Turkey (remote)
Python, Scala, Tensorflow, Spark, FastAPI, Hadoop, Kafka, AWS.
- **ITU Artificial Intelligence and Data Science Research Center** *Aug 2021 - Sep 2022*
Undergraduate Research Assistant — Istanbul/Turkey
Python, C++, ROS, Deep Learning, Reinforcement Learning, Quadcopters.
- **ITU Solar Car Team** *November 2020 - April 2022*
Autonomous Systems Team Member — Istanbul/Turkey
C, C++, Python, STM32, ROS, Autonomous Driving.

PROJECTS

- **Victim Programming Language:** I created a programming language called Victim with Haskell.
<https://github.com/Sekomers/Victim>
- **Structura Library:** I've created a Python data structures library called structura using C-Python API.
<https://github.com/Sekomers/structura>
- **Google Foobar Challenge:** I have got a secret invitation from Google to compete in Google Foobar challenge.
<https://github.com/Sekomers/Google-Foobar>

HONORS & CONTRIBUTIONS

- Teknofest Robotaxi Full Scale Autonomous Vehicle Competition, 3rd place - Sep, 2021
- Small contributions to Python and TypeORM