

Selim Ozturk

Software Engineer

selimslab.github.io

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- Lifelong learner, passionate for high-quality software and great teamwork

Experience

Brief Analytics, Backend Engineer, Founder Istanbul, Oct 18-present

- Designing and coding backend services for startups, leading a team of 3 developers
- Built a map-reduce system to follow 1M+ e-commerce products, automation servers, batch and stream processors, web crawlers, classification and regression models, REST APIs

Commencis, Android Intern, Istanbul, Jun-Aug 18

- Created a computer vision Android app with Kotlin, and its Python Flask backend

SIEMENS, Full Stack Developer Intern, Munich, Jun-Sep 17

- Developed the web app of the big data platform Eclipse Bridge IoT, with Java, Spring

HEAVN, Software Engineering Intern, Munich, Jun-Sep 16

- Implemented the color algorithms and sensor drivers of an IoT lighting product, using C

Education

Bogazici University, Electrical and Electronics Engineering, BSc, English

Istanbul, Sep 14 - Dec 18

- Specialized in systems engineering
- Top 100 in the national math and science exams
- Interested in tech, mountaineering, philosophy, psychology, playing piano

Languages

- Fluent in English and Turkish, intermediate in German
- Advanced in Python, intermediate at JS, TS, SQL, C, Java, C++
- Novice at Go, Scala, Haskell, Elixir, Clojure, Rust

Technical Skills and Tools, with working proficiency

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|---|---------------------------------------|
| • Algorithms and data structures | • Linux, Docker, Git |
| • TCP/IP, HTTPS, REST | • AWS, EC2, S3, RDS |
| • Django, DRF, Flask | • scikit-learn, NLTK, Keras |
| • PostgreSQL, MongoDB, Redis | • Spark, Kafka, Elasticsearch |
| • Node.js, Express, React, React Native | • Swagger, Sentry, Selenium, TravisCI |

Projects github.com/selimslab

- An 8-bit CPU design with logic gates
- a simple Pascal interpreter in Python
- a basic HTTP server
- Deep learning to detect pneumonia
- logOS, a hobby operating system