

# Erkin Batu ALTUNBAŞ

## PERSONAL

DATE OF BIRTH: 09 June 1995  
CITIZENSHIP: Republic of Turkey

HOMEPAGE: [erkin.party](http://erkin.party)  
GITHUB: [github.com/erkin](https://github.com/erkin)

## EDUCATION

AUTUMN 2019 | *Bachelor of Engineering* in **Yeditepe University**, Istanbul  
Field: Computer Engineering  
Language of instruction: English  
Thesis: *Symbolic Makam Music Generation with Deep Learning*  
Thesis advisor: Assist Prof Dr Dionysis Goularas

AUTUMN 2016 | Erasmus+ Programme exchange term at **Czech Technical University**, Prague  
Field: Information Technology

## EXPERIENCE

from SEPTEMBER 2017 to OCTOBER 2018 | SEKOM YAZILIM AŞ, Istanbul  
DevOps Engineer (Part-Time)

- Set up data collection pipelines for applications on IoT and cloud infrastructures.
- Deployed monitoring and metric collection services across the company infrastructure.
- Written documentation for the in-company CI process and software developed in-house.
- Installed on-premise servers and virtualised them with a native hypervisor.

AUGUST 2017 | SEKOM YAZILIM AŞ, Istanbul  
Summer Intern

- Containerised and redeployed existing installations, created remote configuration scripts for them.
- Automated deployment of containers with continuous integration tools.

## SKILLS

### DEVELOPMENT

My skillset focuses on functional programming in dynamically typed languages with strong metaprogramming capabilities and expands into versatile, general-purpose languages across the spectrum.

ADVANCED | Clojure, Racket, Guile, Hy  
INTERMEDIATE | Python, Ruby, Java, C, Common Lisp  
ELEMENTARY | Elixir, OCaml, C++, Lua

### TOOLS

I have long-time experience in Linux system administration, having used Linux exclusively since 2009. In addition, I am experienced in version control, file management, monitoring, virtualisation, continuous integration, containerisation, various DevOps technologies, documentation writing, as well as Agile work methods.

ADVANCED | Linux userland, Git, Docker (Compose, Swarm), Unix shell, Emacs  
INTERMEDIATE | SELinux, Ansible, Jenkins, Sensu, L<sup>A</sup>T<sub>E</sub>X  
ELEMENTARY | Kubernetes, Atlassian stack, Prometheus, ElasticSearch

### LANGUAGES

ENGLISH	TURKISH	JAPANESE	GERMAN
Proficient	Native	Intermediate	Elementary

## OTHER

### CERTIFICATIONS

- Alcatel-Lucent Telecommunication Networks Knowledge Junior Certification (2013)
- TOEFL iBT: 102/120 (2012)

### MEMBERSHIP

- Yeditepe University Computer Society
- Turkish Linux Users Association
- Yeditepe University Informatics Club
- Yeditepe University IEEE Student Branch