

# 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 | <i>Bachelor of Engineering</i> in <b>Yeditepe University</b> , Istanbul<br>Field: Computer Engineering<br>Language of instruction: English<br>Thesis: <i>Symbolic Makam Music Generation with Deep Learning</i><br>Thesis advisor: Assist Prof Dr Dionysis Goularas |
| AUTUMN 2016 | Erasmus+ Programme exchange term at <b>Czech Technical University</b> , Prague<br>Field: Information Technology   |
| SUMMER 2013 | High school, <b>Anadolu Erkek Lisesi</b> , Bursa<br>Field: Mathematics & Natural Sciences   |

## EXPERIENCE

|  |  |
|--|--|
| from SEPTEMBER 2017<br>to OCTOBER 2018 | SEKOM YAZILIM AŞ, Istanbul<br>DevOps Engineer (Part-Time) <ul style="list-style-type: none"><li>Set up data pipelines for applications on IoT and cloud infrastructures.</li><li>Deployed monitoring and metric collection services across the company infrastructure.</li><li>Installed physical servers and virtualised them with a native hypervisor.</li></ul> |
| AUGUST 2017                            | SEKOM YAZILIM AŞ, Istanbul<br>Summer Intern <ul style="list-style-type: none"><li>Containerised and redeployed existing installations, created remote configuration scripts for them.</li><li>Automated deployment of containers with continuous integration tools.</li></ul>  |

## 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++, Groovy         |

### 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 and various DevOps technologies.

|              |   |
|--------------|---|
| ADVANCED     | Linux userland, Git, Docker (Compose, Swarm), Unix shell, Emacs |
| INTERMEDIATE | SELinux, REST, Django, Ansible, Jenkins, Sensu                  |
| ELEMENTARY   | Kubernetes, Prometheus, Vagrant, Redis                          |

### 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