

## Education

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**Bahcesehir University**  
Computer Engineering (English)

**Faculty of Engineering and Natural Sciences**  
2011 — 2017 Fall

## Experience

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**Besiktas Municipality**  
Internship

2016

## Capstone Project

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### Security Enhanced Messaging Platform (Python 3)

- Python Diffie-Hellman library
- MongoDB
- WebSocket

## Personal Projects

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### IBBApi CLI (C++)

- It connects several IBB (Istanbul Metropolitan Municipality) API's from cli.
- It's start as a project to get wholesale market hall prices from IBB API to use with Food Recipe Package (ELisp).

### 4DOF Ballistics Software (C++)

- Made for 4-DOF ballistic calculations.
- Also have windage values (but don't have windage corrections).

### Food Recipe Package (ELisp)

- Emacs package that reads food recipe files and change the ingredients values according to main value.
- Purpose of this package is that some food recipe ingredients has to be calculated according to main ingredient (e.g. Bread ingredients calculated according to flour). When you change your main ingredient value whole recipe ingredients values are changes according to it.

### Metric $\longleftrightarrow$ Imperial Convertor (ELisp)

- Emacs package that converts imperial units to metric units (and vice versa).
- Also can scan Emacs region and automaticaly converts units. If imperial unit can be converted to more than one metric unit (e.g. foot to cm or mm) use predefined rule to convert more suitable one.

### Yee Light Package (ELisp)

- Simple Emacs package that send commands to yeecli python package.

### News Aggregator (Two Version: Python 3 & Go)

- Created as Inoreader alternative for personal usage.
- Go version is the same as the Python 3 project but its written in Go for learning purpose.
- It's abonded due to only works on PC.

### Dotfiles Backupper (Python 3)

- Made for backing up *Dotfiles* for both Windows and Linux.
- Used nearly for 2 years.
- Replaced with "*git init -bare root*" method.

## Languages

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Turkish (L1), English (B2+), Russian (A2)

## Technical Skills

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### Currently

Bash/Powershell  
C/C++  
Emacs  
ELisp/CLisp (Emacs Lisp/Common Lisp)  
GNU/Linux (Gentoo & Arch)  
Portage (Gentoo Package Manager)  
Git  
L<sup>A</sup>T<sub>E</sub>X  
Make  
Python 3  
Reverse Engineering (Beginner)

### Cyber Security

Network Exploitation  
Privilege Escalation  
Web Exploitation  
TryHackMe Rank : 2033 (39624 Pts)

### Formerly

Go  
Java  
Kotlin  
Network  
Vim  
Visual Studio

## Certificates

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BTK Akademi — Applied Penetration Testing Training  
BTK Akademi — Kali Linux  
BTK Akademi — Version Controls: Git & GitHub  
BTK Akademi — Introduction to Penetration Testing  
BTK Akademi — Linux Operating Systems in Cyber Security  
Udemy — Broad Scope Bug Bounties From Scratch  
Udemy — Practical Ethical Hacking - The Complete Course  
Udemy — The Ultimate BAC and IDOR Guide for Ethical Hacking  
Udemy — XSS Survival Guide  
Wissen Akademi — Advanced Network Systems Engineering  
Wissen Akademi — Cloud Computing and Its Applications  
Wissen Akademi — Network Systems Engineering