

# Doga Tekin

+41 78 822 5040 📞

dotekin@gmail.com ✉

[dogatekin.com](http://dogatekin.com) 🌐

[github.com/dogatekin](https://github.com/dogatekin) 🐙

## SKILLS

### Programming

Python, Java, Javascript,  
MATLAB, C++, SQL, R, Scala

### Frameworks

PyTorch, Tensorflow, NumPy,  
Pandas, Scikit-learn, Matplotlib

### Languages

Turkish - Native  
English - Fluent (TOEFL 119/120)  
French - Basic, Tensorflow

## PROJECTS

### Evolving Dots

A visual demonstration of an evolutionary algorithm made in Processing. Dots act as a population learning to avoid obstacles by evolution.

### Spotify Quiz

A web application that creates music quizzes with playback from your Spotify playlists using JavaScript.

## PERSONAL

### Bilkent Engineering Society

- As vice president, held weekly meetings with 100 members.
- Coordinated a management and leadership conference with over 600 attendees.

### Hobbies

Game Development,  
Animation, Juggling

## EDUCATION

### EPFL

Lausanne, CH | 2018 – 2021

**Computer Science MS | GPA: 5.82/6.00**

### Bilkent University

Ankara, TR | 2014 – 2018

**Electrical & Electronics Engineering BS | GPA: 3.79/4.00**

- Scholarship for ranking 1976/2,000,000 in placement exam.
- Graduated 13th among 120 students in my cohort.

## EXPERIENCE

### Accenture Labs

Dublin, IE | 2019

#### *Artificial Intelligence Research Intern*

- Researched novel evolutionary hyperparameter optimization methods for training knowledge graph embedding models. Implemented them in the open-source library [AmpliGraph](#).
- Placed top-5 in the company-wide AI4Good hackathon.

### EPFL LIONS Lab

Lausanne, CH | 2019

#### *Research Assistant*

- Researched and implemented a novel exploration method for deep reinforcement learning algorithms using TensorFlow.
- Co-authored a workshop paper accepted to NeurIPS 2019.

### Bilkent Data Science Group

Ankara, TR | 2017

#### *Research Assistant*

- Built a Python framework for the offline evaluation of multi-armed bandit algorithms and simulated medical data using SQL to test it.

### ETHZ Computer Vision Lab

Zurich, CH | 2017

#### *Research Intern*

- Implemented a neural network in MATLAB to perform semantic segmentation on magnetic resonance images.
- Added four new features to the modelling platform [ArtiSynth](#) by expanding the large Java codebase.

### Huawei Technologies

Istanbul, TR | 2016

#### *Research and Development Intern*

- Collected live tweets using Java and used Weka to predict the response time of a Twitter account to new tweets.

## RESEARCH

### NeurIPS 2019 OptRL Workshop

2019

K. Parameswaran, D. Tekin, P. Rolland, V. Cevher  
“[Reinforcement Learning with Langevin Dynamics](#)”