

Doga Tekin

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SKILLS

Programming

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

Frameworks/Libraries

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

PROJECTS

Spotify Quiz

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

Evolving Dots

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

Stanford Natural Capital Dashboard

An interactive dashboard built for the Stanford Natural Capital project team that helps them track their training statistics.

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

6 months | 2019

Software Developer Intern

Dublin, IE

- Implemented novel evolutionary algorithms in the open-source library [AmpliGraph](#) to help thousands of users train better knowledge graph models.
- Placed top-5 in the company-wide AI4Good hackathon with a deep learning project predicting tornado trajectories.

EPFL LIONS Lab

6 months | 2019

Research Assistant

Lausanne, CH

Implemented a novel exploration method for deep reinforcement learning algorithms using TensorFlow. Our research paper was accepted to a NeurIPS 2019 workshop.

Bilkent Data Science Group

6 months | 2018

Research Assistant

Ankara, TR

Contributed to a research project by building a Python framework for the evaluation of reinforcement learning algorithms and tested it on simulated medical data.

ETHZ Computer Vision Lab

3 months | 2017

Software Developer Intern

Zurich, TR

Added 4 new user-facing features to the modeling platform [ArtiSynth](#) by expanding the large (~1M lines) Java codebase. These features allow professional biomedical researchers to work more efficiently.

Huawei Technologies

1 month | 2016

Software Developer Intern

Istanbul, TR

Created diagnostic visualizations using JavaFX that assist developers working on real time Twitter data analysis.

RESEARCH

NeurIPS 2019 OptRL Workshop

2019

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