

Education

2021	EPFL	Lausanne, CH
2018	Computer Science MS	GPA: 5.82 / 6.00
2018	Bilkent University	Ankara, TR
2014	Electrical/Electronics Engineering BS	GPA: 3.79 / 4.00
<ul style="list-style-type: none">• Scholarship for ranking 1976 / 2,000,000 in placement exam.• Graduated 13th among 120 students in my cohort.		

Experience

2019 Fall	Accenture Labs	Dublin, IE
Artificial Intelligence Research Intern		
<ul style="list-style-type: none">• Researched novel evolutionary hyperparameter optimization methods for training knowledge graph embedding models. Implemented them in <u>AmpliGraph</u>.		
2019 Spring	EPFL LIONS Lab	Lausanne, CH
Research Assistant		
<ul style="list-style-type: none">• Researched and implemented a novel exploration method for deep reinforcement learning algorithms using TensorFlow.		
2017 Fall	Bilkent Data Science Group	Ankara, TR
Research Assistant		
<ul style="list-style-type: none">• Built a Python framework for the offline evaluation of multi-armed bandit algorithms and simulated medical data using SQL to test it.		
2017 Summer	ETH Zurich Computer Vision Lab	Zurich, CH
Research Intern		
<ul style="list-style-type: none">• Implemented a neural network in MATLAB to perform semantic segmentation on magnetic resonance images.• Added four new features to the modelling platform <u>ArtiSynth</u> by expanding the large Java codebase.		
2016 Summer	Huawei R&D Center	Istanbul, TR
R&D Intern		
<ul style="list-style-type: none">• Collected live tweets using Java and predicted the response time of a Twitter account to new tweets using Weka.		

Research

2019	NeurIPS 2019 Optimization Foundations for Reinforcement Learning Workshop
K. Parameswaran, D. Tekin , P. Rolland, V. Cevher “ <u>Reinforcement Learning with Langevin Dynamics</u> ”	

Skills

Programming

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

Frameworks

- PyTorch
- TensorFlow

Languages

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

Projects

Evolving Dots

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

Spotify Quiz

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

Extracurricular

Bilkent Engineering Society

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

Hobbies

Game Development, Animation, Juggling