Recep Ahmet **Sarıtekin**

RESEARCHER / DEVELOPER

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Summary

Developer, musician, creative. Contributed to many open source projects (tensorflow, jax, linen, fastai, dffml). Worked on different new technologies (blockchain, machine learning, web). Worked on TensorFlow with the Google Brain Team at Google Summer of Code. Researcher on the latest machine learning and deep learning trends.

Work Experience

Koc University AI Lab
Istanbul, Turkey

INTERN — *June 2020, Aug. 2020*

- Learned Julia language, Knet.jl and ONNX.
- Project was about Knet.jl that is a popular deep learning framework written by Koc University.
- Implemented ONNX to Knet.jl
- Added missing functions to Knet.jl like GlobalAveragePool, BatchNormalization, Cast, Transpose, ...

Google Summer of Code <TensorFlow>
CA, United States

INTERN — *May. 2019, 25 Aug.*

- Collaborated in 4 Google Brain Team developers to develop a TensorFlow Datasets for 3 months.
- Added some new features, hunted bugs, reviewed pull requests, issues.

Inotek Robotic AR-GE
Mugla, Turkey

CREATOR & RESEARCHER — *Sep. 2017, PRESENT*

- Collected data from IOT devices in air, sea, air and forests, we need to determine the fire detection and so on.
- Developed our own UAV (Unmanned Aerial Vehicle), drones and 3D printers.

Cryptouch
Mugla, Turkey

CREATOR & BLOCKCHAIN ENGINEER — *Nov. 2017 - Sep. 2018*

- Special communication application using blockchain and IPFS in infrastructure.
- Distributed infrastructure focused on freedom, high security, scalability and permanency.
- Specific networks can be set up to certain people or individuals without external access.

Education

Muğla Sıtkı Koçman University Faculty of Engineering
Muğla, Turkey

COMPUTER ENGINEERING UNDERGRADUATE EDUCATION (ENGLISH) — *Sep. 2017 - Exp. Aug. 2021*

- Developing p myself on the computer science by benefiting from the experiences of my teachers.

Muğla Sıtkı Koçman University Faculty of Foreign Languages
Muğla, Turkey

PREPARATORY EDUCATION — *Sep. 2016 - Aug. 2017*

- Received a one-year preparatory education for 100% English Computer Engineering department.

Ankara Police Collage
Ankara, Turkey

HIGH SCHOOL — *Sep. 2011 - Exp. Apr. 2015*

- Educated until the third year.

Presentation

Women TechMakers Bolu IDW 2020
Online

SPEAKER <TENSORFLOW> — *May 2020*

- Presented TensorFlow Addons, Dataset, Hub, TensorBoard.
- Presented a road map for Deep Learning and TensorFlow.
- Explained how to contribute to TensorFlow. What is the SIG? How can you join the community of TensorFlow and what does the communities do?

Google Developer Student Club
Online

SPEAKER <GSOC ON TENSORFLOW> — *April 2020*

- Shared my internship experiences.
- Informed about what is GSOC, how it works, how can apply, what should you do etc.

Developer Conference
Muğla, Turkey
Speaker <Neural Networks and Deep Learning>
Nov. 2018
- Explained basics of neural networks and modern deep learning applications.

Teknopark İzmir International Blockchain Workshop
İzmir, Turkey
Speaker <Blockchain Based Secure Comminication Application Proposal:Cryptouch>
May. 2018
- Explained the advantages and business areas of my own project Cryptouch.

ISDFS 2018 : 6th International Symposium on Digital Forensic and Security
Antalya, Turkey
Speaker <Blockchain Based Secure Comminication Application Proposal:Cryptouch>
Mar. 2018
- Explained my new project Cryptouch's security infrastructure in this conference.

Developer Conference
Muğla, Turkey
Speaker <'tir GIT>
Feb. 2018
- Explained GIT(the version control system) infrastructure, explained the whole documentation in this conference.

Honors & Awards

2018	**Champion,** Genç Beyinler Yeni Fikirler Idea Competition	*Izmir, Turkey*
2013	**5nd ,** Ankara Ataturk Marathon Run	*Ankara, Turkey*
2010	**Finalist,** Turkey Futsal Tournament	*İstanbul, Turkey*
2009	**Champion,** Table Tennis City Tournament	*Düzce, Turkey*

Extracurricular Activity

Nohiro
Mugla
Guitarist
April. 2020 - §
- Our group consists of a synthesist working with old famous rock stars(Pentagram, Ogun Sanlisoy etc.), oboe performer in an orchestra, metal guitarist who is interest in artificial intelligence and a bass guitar player with a belly :)
- We make psychedelic music and usually try to improvise. We supply our electricity with solar energy and we are jamming in nature. This gives us a different inspiration. We have a really great music and I believe that the future of my band will be awesome.

Zeki & White
Streets
Solo Guitarist & Back Vocal
Jan. 2018 - PRESENT
- Combined metal and classical guitar and played improvisation musics that comes metal and classic touches.

Ankara Police College Wing Tsun Team
Ankara, Turkey
Coach Assistant
Sep. 2012 - Apr.2015
- Learned Wing-Tsun that is traditional Southern Chinese Kung fu.
- Learned the Great Tao of Life.

PKMG (Police College Rock Band)
Ankara, Turkey
Solo Guitarist & Back Vocal
Oct. 2013 - Apr. 2015
- Learned to be a team with my friends, to do something together and to produce new things.
- Attended the national high school music competition on behalf of our school.
- Gave small concerts in different places.

Ankara Police College Athletics Team
Ankara, Turkey
Middle Distance and Flag Runner
Sep. 2012 - Jun. 2013
- Worked with national instructor and won prizes for a year.