

Recep Ahmet Saritekin

RESEARCHER / DEVELOPER

Mugla Sıtkı Kocman University Engineering Department Kotecli/Mugla

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Summary

Developer, musician, creative. Contributed 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.

Skills

Programming	Python, JAVA, JavaScript, Julia, Ruby
Machine Learning	TensorFlow, PyTorch, scikit-learn, OpenCV, Knet.jl, Jax
Web	Django, Ruby on Rails, Vue.js, HTML5
Languages	English, Turkish

Work Experience

Koc University AI Lab

INTERN

Istanbul, Turkey

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>

INTERN

CA, United States

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

CREATOR & RESEARCHER

Mugla, Turkey

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

CREATOR & BLOCKCHAIN ENGINEER

Mugla, Turkey

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

COMPUTER ENGINEERING UNDERGRADUATE EDUCATION (ENGLISH)

Muğla, Turkey

Sep. 2017 - Exp. Aug. 2021

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

Muğla Sıtkı Koçman University Faculty of Foreign Languages

PREPARATORY EDUCATION

Muğla, Turkey

Sep. 2016 - Aug. 2017

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

Ankara Police College

HIGH SCHOOL

Ankara, Turkey

Sep. 2011 - Exp. Apr. 2015

- Educated until the third year.

Publications

Blockchain Based Secure Communication Application Proposal: Cryptouch

AUTHOR

ISDFS 2018

March 2018

- Distributed, decentralized and also transparent communication is possible with the blockchain technology.

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 COMMUNICATION 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 COMMUNICATION 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 Atatürk 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 - Ş

- 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.