Vüsal İsmayılov

woosal1337@gmail.com • +90 (539) 574 0062 • github.com/woosal1337
https://www.woosal1337.me

Python Developer / AI Researcher

Python developer who has started and dedicated his past years of effort on the different fields of Computer Science, such as AI/ML Computer Vision Research, BOT/Script Development, Data Science, and finally Autonomous Vehicles.

Specialties: Python, Java, C++, JavaScript
Technologies: Python, Tensorflow, HTML/CSS,
Languages: English (Advanced), Turkish (Advanced), Azerbaijani (Native), Russian (Upper Intermediate)
Programming resources used for self-learning: Stack Overflow, Qwiklabs, Coursera, Udemy, GitHub, Bootcamps, GeeksForGeeks, YouTube, Books, Khan Academy, Codecademy, DataCamp, HackerRank, CodeWars, CodinGame, HackInScience

EXPERIENCE

Google DSC Medipol, *Medipol University* ● *AI Core Team Leader* ● *Event Leader*	**Sep 2020**
HackClub ● *Club and Region Leader*	**Oct 2019**
Irtifa Team, *Medipol University* ● *Aerodynamics and AI Research Team*	**Nov 2019**
M.A.V Team (Medipol Autonomous Vehicles), *Medipol University* ● *Autonomous Ground & Air Vehicles*	**Jan 2020**
Kodluyoruz, *Istanbul* ● *Fellow* ● *Event Leader*	**Aug 2020**

EDUCATION AND COURSES

Bachelor of Computer Engineering (B.A.), Istanbul Medipol University, *Istanbul* ● 2nd year Student	**Sep 2019 - Jul 2023**
School Number of 45 (High-School), *Azerbaijan* ● *Class Representative* ● *4.83/5 GPA* ● *Pass to High School Exam: 5.0/5.0 Math 5.0/5.0 Language*	**Sep 2017 - May 2019**
School Number of 45 (Middle-School), *Azerbaijan* ● *Class Representative* ● *5.0/5.0 GPA* ● *Pass to University Exam (Local): 240/300*	**Sep 2008 - May 2017**
Internationally Recognised Exams: ● *SAT: 1340/1600 (94th National / 90th International Percentile)* ● *MATH 2 (SAT 2 Subject): 800/800*	**Dec 2018 - May 2019**

PROJECTS

ODTU & TUBITAK - Autonomous Drone Competition ● *Custom Computer Vision Model Training*	**Oct 2019**

● *Custom Drone Build* ● *Raspberry Pi* ● *Google Coral* ● *Tensorflow Lite*	
TEKNOFEST & TUBITAK - Autonomous UAV Competition ● *Jetson Nano*	**Nov 2019**
TEKNOFEST - Innovative Agriculture Competition	**Jan 2020**
TUBITAK 2020 - Autonomous Drone Competition	**Feb 2020**
OCR - Optical Character Recognition ● *Text* ● *Integer* ● *Words/Sentences* ● *Labeling*	**Feb 2020**
Meducopter - Custom Drone Hardware Control Library ● *DC Motors* ● *Boot*	**Dec 2019**
Custom Scraped ProtonMail API & Discord BOT Integration	**Nov 2020**
MAVCar - Autonomous Ground Vehicle ● *Jetson Xavier*	**Dec 2020**
Tello EDU by DJI - Personal Computer Vision Implementations ● *Kamikaze Drone Project* ● *Human face tracker* ● *Custom trained Computer Vision Models deployed / tested* ● *Full Device control through Keyboard* ● *Real-time Automatic Color Centralizing* ● *Device Control Over Sound*	**Mar 2020**
Google APIs & Telegram/WhatsApp Integration ● *Custom Remainder BOTs*	**Oct 2020**
Self-driving Car Implementation on the Simulation	**Dec 2019**
GiF - Got it First ● *Screen reader, and character recognition*	**Dec 2019**
Scripts and the others: ● *Reminder BOTs* ● *typings.gg Fastest Writing BOT* ● *ProtonMail API* ● *IP-Resolver* ● *Custom User Related Discord Welcome BOT* ● *Object Measurement (OpenCV/Computer Vision)*	**Dec 2019 - Dec 2020**

Technologies: OpenCV, Tensorflow, PyTorch, Google APIs, Google Cloud, YOLO V3.0/4.0, GitHub, Twilio, Linux, Google Colab

All the projects listed and not listed, both were shared on my personal GitHub profile.