



Andrei Tenescu

Hobbyist

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About me

The saddle of a [bike](#), the top of a [mountain](#) or the cockpit of a [kayak](#) are some of the places you might find me on this weekend.

This world has much to offer, and I am fond of exploring it, either by [travelling](#) or reading.

I am always on the lookout for parking spaces for my beautiful van/home [Rusty](#).

Skills

Python

Computer vision

Linux server management

Embedded SW & HW

3D design & printing

C#, .NET Core & Unity

Frontend web development

C and X86 assembly

adventuring 4★ farming 2★
handymanning 3★

[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

Domain Interests

Exploring new branches of Artificial Intelligence, for e.g. Reinforcement Learning and Text Opinion Classification.
Merging AI solutions and embedded platforms for fun and profit.

Education

2021	Master's Degree, Polytechnic University of Timisoara Software Engineering	Timisoara
2019	Eastern European Machine Learning Summer School Deep Learning and Reinforcement Learning	Bucharest
2019	Bachelor's Degree, Polytechnic University of Timisoara Majored in Computer Science	Timisoara
2018	Stanford Machine Learning MOOC Mathematical fundamentals and use cases of ML(including Neural Networks)	Coursera
2018	Myriad Labs Computer vision and AI using embedded systems	Intel (Movidius)
2017	"Code: Analysis, Bugs and Security" Course Exploits, web vulnerabilities, symbolic execution, fuzzing	Bitdefender

Awards

2019	2nd Place Remote controlled rover running a real time style transfer GAN	iTec <i>national</i> contest
2019	1st Place, Smart Mobility track Real time video dynamic gesture recognition	Unihack <i>international</i> hackathon
2018	1st Place XVision project	Microsoft Big Idea Challenge <i>worldwide</i> contest
2017	1st Place x 2 Tetris hand held game + Motion activated remote control	iTec <i>national</i> contest
2015	1st Place Portable radio station, controlled via a Java application	Grigore Moisil <i>national</i> contest
2015	1st Place Face tracking robot (using OpenCV haar cascades)	iTec <i>national</i> contest

Experience

Now	Co-Founder	Mindfully Technologies
Sep 2018	Fullstack developer, jr. data scientist; worked on the artificial intelligence algorithms, backend, testing and CI/CD pipeline	
April 2018	Jr. Malware Researcher	Bitdefender
July 2017	Studied malware samples(Windows and Android) to determine functionality and impact. Worked on internal Python projects	

Projects

XVision	Automated X-Ray analysis tool that generates diagnosis and heatmaps (to indicate afflicted areas on the x-ray) using convolutional neural networks
Mindfully	Speech analysis tool that predicts the onset of psychosis by listening to a patient's speech; implemented using Azure Machine Learning and Cognitive Speech Services
Homelab	Server built from second hand parts, currently hosting my Wiki and Blog , acting as a NAS and being a test bed for infrastructure experiments
Rusty	2008 Ford Transit that I'm converting into a mobile smart home to save on rent and see the world