Andrei Tenescu

Hobbyist

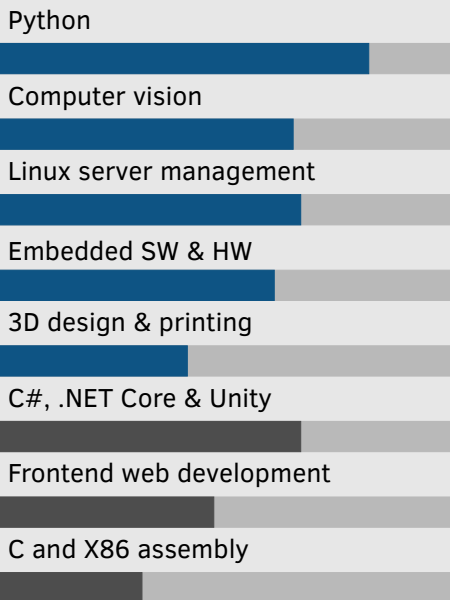- 02 August 1996
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- Blog
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About me

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 by reading.

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⋆

[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

~July 2019	Bachelor's Degree, Polytechnic University of Timisoara	Timisoara
	Majoring in Computer Science	
2018	Stanford Machine Learning MOOC	Coursera
	Mathematical fundamentals and use cases of ML(including Neural Networks)	
2018	Myriad Labs	Intel (Movidius)
	Computer vision and AI using embedded systems	
2017	"Code: Analysis, Bugs and Security" Course	Bitdefender
	Exploits, web vulnerabilities, symbolic execution, fuzzing	

Awards

2019	1st Place, Smart Mobility track	Unihack *international* hackathon
	Real time video dynamic gesture recognition	
2018	Best European DeepTech Startup	Morpheus Cup *European* contest
	XVision project	
2018	1st Place	Microsoft Big Idea Challenge *worldwide* contest
	XVision project	
winter 2017	1st Place	iTec *national* contest
	Tetris hand held game using an Arduino board	
spring 2017	1st Place	iTec *national* contest
	Motion activated remote control, with IR driver built from scratch	
2015	1st Place	Raspy HackTM *local* contest
	Smart door with facial recognition (with Microsoft Cognitive Services)	
2015	1st Place	Grigore Moisil *national* contest
	Portable radio station, controlled via a Java application	
2015	1st Place	iTec *national* contest
	Face tracking robot (using OpenCV haar cascades)	

Experience

Now Sep 2018	Co-Founder	Mindfully Technologies
	Fullstack developer, jr. data scientist	
April 2018 July 2017	Jr. Malware Researcher	Bitdefender
	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, acting as a NAS and being a test bed for infrastructure experiments