



# Andrei Tenescu

Hobbyist

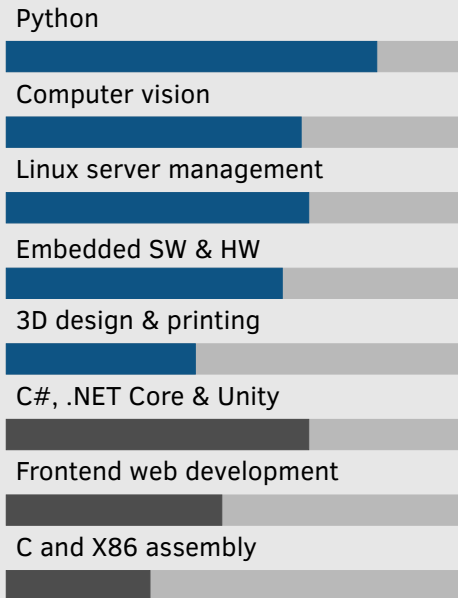
- 02 August 1996
- (+40) 728 006 574
- Blog
- Wiki
- teny96@gmail.com

## 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



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

- 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 Co-Founder Mindfully Technologies
- Sep 2018 Fullstack developer, jr. data scientist
- 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 (discontinued)

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.