

ANDREI TENESCU

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Highly ambitious student, with expertise in software projects, embedded development and Linux server management, gained from working on multiple projects with many different teams.

I am looking to further my personal development and to work on engaging projects.

SKILLS

- Python
- C# with .Net Core and Unity
- x86 Assembly and C
- Computer vision algorithms
- Linux specialist
- Docker
- Embedded development
- Hardware experience

WORK HISTORY

Co-Founder, Mindfully Technologies Sep 2017 to Current

- Working on XVision, an automated radiology diagnosis software

Junior Malware Researcher, Bitdefender July 2017 to April 2018

- Studied malware samples to functionality and impact
- Worked in Python on internal projects

EDUCATION

B Polytechnic University of Timisoara, Computer Engineering May 2019

Extracurricular courses:

- **Cloudbase Solutions**: cloud technology, studied Linux administration, virtualization and networking
- **Intel (Movidius)**: computer vision and artificial intelligence using embedded systems
- **Bitdefender**: “Code: analysis, bugs and security”

PROJECTS

- **XVision**: automated X-Ray analysis tool that generates a diagnosis and a heatmap (to indicate possible afflicted areas on the x-ray) using artificial intelligence algorithms; implemented using Azure Machine Learning and Azure Custom Vision
- **Mindfully**: speech analysis tool that predicts the development of psychosis by listening to a patient’s speech; implemented using Azure Machine Learning
- **Homeserver**: currently working on a homelab running Proxmox, capable of running multiple Virtual Machines and containers; used to run a private storage cloud, a privately edited publicly available wiki and a Gitlab server

ACCOMPLISHMENTS

- **Best European DeepTech Startup**, Morpheus Cup *European* contest, 2018: XVision project
- **1st place**, Microsoft Big Idea Challenge *worldwide* contest, 2018: XVision project
- **1st place**, iTec *national* contest, embedded section, winter 2017: Tetris handheld game using an Arduino board and
- **1st place**, iTec *national* contest, embedded section, spring 2017: smart remote control with IR driver built from scratch
- **1st place**, Raspy HackTM, *local* contest, 2015: facial recognition based smart door lock; used a RaspberryPi as a controller, facial recognition using Microsoft Cognitive services
- **1st place**, Grigore Moisil *national* contest, 2015, 1st place: portable radio station based on a RaspberryPI running a REST API written in Python, controlled via a Java application running on an Android phone
- **1st place**, iTec *national* contest, embedded section, 2015: face tracking robot using a RaspberryPi; face detection was performed using OpenCV and haar cascades