



# Denis Ștefan

## Profile

I am ambitious, always looking forward to new challenges. I believe knowledge is gained over time, never over night. And that you need to invest time and effort into achieving your dreams. I firmly believe that failure is the mother of succes and my goal is to improve with every day that passes by.

## Employment History

### Intern, Microchip Technology Inc., Bucharest

JUNE 2019 – SEPTEMBER 2019

## Education

### Gheorghe Sincai National College, Bucharest

SEPTEMBER 2012 – JULY 2016

### Bachelor's degree, University POLITEHNICA of Bucharest, Bucharest

SEPTEMBER 2016 – JULY 2020

Faculty of Electronics, Telecommunications, and Information Technology

## Certificates

### First Certificate in English (FCE)

JULY 2019 – JULY 2019

Council of Europe Level B2

## Extra-curricular activities

### Voice Controlled Robot

JANUARY 2019 – MAY 2019

Robot created with Raspberry Pi and other hardware components to allow the execution of voice commands. The project consists of AI methods and feature extraction algorithms. Skills developed: Linux, Python, Neural Networks, Digital Signal Processing.

### VidFun

OCTOBER 2019 – JANUARY 2020

Web application for feeding funny videos provided by users created with React and Node.js. A login system was implemented using Passport.js, the Node.js server was deployed in the cloud (Azure) and MySQL was used to store the user-related information.

### AI Flappy Bird

OCTOBER 2019 – NOVEMBER 2019

Created the Flappy Bird game from scratch and implemented a genetic algorithm using Python to create a neural network that can play the game.

## Details

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## Skills

C/C++

Java

Python

JavaScript

Collaboration & Teamwork

Communication

Object Oriented Programming

## Hobbies

Football, Magic, Music, PC Games, Robotics.

## Languages

Romanian

English