

ANDREI-BOGDAN FLOREA

Computer Science Enthusiast

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EDUCATION

University Politehnica of Bucharest
Bachelor in Computer Science and Engineering

September 2019 - Present

GPA = 9.82 / 10

Gheorghe Țițeica High School

Mathematics and Informatics

September 2015 - June 2019

GPA = 10 / 10

Finished top of my class and held a speech at the Graduation Ceremony

SKILLS

C/C++

Python

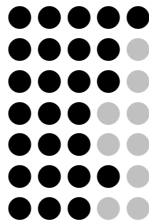
MATLAB

Java

C#

Algorithms, Data Structures

Data Science, Machine Learning



EXPERIENCES

Undergraduate Teaching Assistant

October 2020 - Present

- I'm part of the Computer Programming team.
- I help with preparing and evaluating assignments.

Electronics Summer University

University Politehnica Timișoara

August 2017

- Learned the basics of building an electric circuit and worked with a Raspberry Pi.
- Had the highest score on the tests at the end of the Summer School.

TOP Management SV-BI

June 2016 - December 2016

- My team and I designed a practice firm that won a prize in the competition.
- I was one of the few invited to London; it was a great opportunity to grow as a person.

HONORS & AWARDS

I have qualified for at least a National Olympiad every year since 5th grade.

- 2013, 2015, 2016, 2017, 2019 - Bronze Medal National Informatics Olympiad of Romania
- 2012, 2014, 2018 - Participant National Informatics Olympiad of Romania
- 2012, 2015 - Participant National Mathematics Olympiad of Romania

MOOCs

- Machine Learning - Stanford University
- Python for Everybody Specialization - University of Michigan
- Introduction to Git and GitHub - Google

PROJECTS

Basketball Shooting Assistant

Python

- An Application for computing the optimal parameters of a basketball player's shooting motion and the shot percentage at those parameters.
- I was able to calculate those parameters from two sample datasets consisting of 100 Free Throws that me and a friend of mine shot.

Custom File Manager

C#

- An application with the intent of allowing the user to have full control over which files they want to add in order to access and manage them easier.
- I focused on creating straightforward features and a modern GUI.

Image Processing

C

- An application that edits a given image in BMP file format.
- Types of edits: black & white, No-Crop, Filtering, Clustering

LINKS

andreibogdanflorea.github.io

github.com/andreibogdanflorea

codeforces.com/profile/andrei.florea0405