

# Alexandru-Horatiu Cantor

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## EDUCATION

### BABES BOLYAI UNIVERSITY

BS IN COMPUTER SCIENCE 9.2/10

Expected: June 2024 |

Cluj-Napoca, Romania

### EMIL RACOVITA

#### NATIONAL COLLEGE

COMPUTER SCIENCE AND

MATHEMATICS

Grad. June 2021 |

Cluj-Napoca, Romania

## PROJECTS

### MATH QUIZ | HTML CSS JS

A math quiz designed for 11th and 12th grade students. The project was made for high school cs certificate. The password is "derivate"

### MEME GENERATOR | SWIFT

Meme generator app made for Udacity IOS degree.

### LIBRARY MANAGER | PYTHON

An application for a book library. The application is using layered architecture and PyUnit test cases

### CONNECT FOUR | PYTHON

An application for the connect four game. The application is using layered architecture, PyUnit test cases, pygame.

### SANTA APP | C SHARP

A console application made for Santa to help him with the letters.

## SKILLS

### PROGRAMMING

Over 5000 lines:

• Python • C++ • Swift

Over 1000 lines:

• Javascript • C Sharp • Assembly

## EXPERIENCE

### IOS DEVELOPER INTERN | YOPESO

July 2022 – September 2022 | Cluj-Napoca, Romania

- Designed and built advanced applications for the iOS platform

### ETH MINING | RIG MANAGER

November 2020 - Apr 2022 | Turda, Romania

- Built a small mining farm in my parents home
- At the moment, I am managing 30 gpus using hiveos and ubuntu.

### TEACHER | MATH AND COMPUTER SCIENCE TEACHER

Jan 2018 – Present | Cluj-Napoca, Romania

- Taught math and computer science to local students from Cluj and international students from Israel, US and Italy.
- One of my students from Italy achieved 1<sup>st</sup> place at regional Olympiad and qualified for the Italian Math National Olympiad.

## COURSES

### VIRTUAL MODEL EU Nov 2021 | Online

- Participated at an online simulation of the European Parliament

### SPARK WEEK | TRANSILVANIA BANK FELLOWSHIP

August 2019 | Bucharest, Romania

- A week with business, marketing and leadership courses.
- In the final days, the teams of students made a business to apply what they have learned.
- My team raised 700 dollars in one night and donated the money to a hospital.

## AWARDS

2019	3 <sup>rd</sup>	Laurentiu Duican National Contest
2019	National	Romanian National Mathematics Olympiad (ONM) Finalist
2019	4 <sup>th</sup>	Grigore Moisil Contest
2018	National	Romanian National Mathematics Olympiad (ONM) Finalist
2018	1 <sup>st</sup>	Grigore Moisil Contest
2017	Bronze Medal	Romanian National Physics Olympiad (ONF)

## VOLUNTEERING

2021-now	Red Cross Romania volunteer
2021-now	Hermes student organization
Jan.2020	Spark Week from Entrepreneurship Academy