

# Robert Ciocirlan

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## EDUCATION

### BABES-BOLYAI UNIVERSITY

BS IN MATHEMATICS AND

COMPUTER SCIENCE

2019 - 2022 (expected)

Cluj-Napoca, Romania

### NATIONAL COLLEGE OF COMPUTER SCIENCE

HIGH SCHOOL DIPLOMA

2015 - 2019 | Piatra Neamt, Romania

## LINKS

Github:// [ciocirlanrobert](#)

LinkedIn:// [ciocirlanrobert](#)

## SKILLS

### PROGRAMMING

Advanced:

- Python
- Data Structures
- Algorithms
- HTML
- CSS
- OOP

Intermediate:

- JavaScript
- Git
- Java

Beginner:

- SQL
- Node.JS
- C++

Others:

- Markdown
- LaTeX

## HOBBIES

Gym  
Football  
Nutrition  
Gaming  
General Knowledge

## EXPERIENCE

### MBB ELECTRONICS | WEB DEVELOPER INTERN

Mar 2018 - Apr 2018 | Valencia, Spain

- Worked on UI components for the prototype of the company's new website, using HTML5 and CSS.
- Participated in team meetings.

## PROJECTS

### WEATHER&VENUES

- Responsive Web App displaying the current weather and 3 random recommended venues in the city given by the user,
- Technologies used: HTML5, CSS, JavaScript, OpenWeather API, Foursquare API, Handlebars.js, Git.
- Link: [ciocirlanrobert.github.io/weather-venues](#)

### DATA STRUCTURES & ALGORITHMS | OPEN SOURCE CODE FOR THE UDACITY COMMUNITY

- A\* path finding algorithm on Pickle maps.  
Technologies used: Python, JupyterNotebook, Git.  
Link: [github.com/ciocirlanrobert/dsa3](#)
- Simple Autocomplete using Tries, search from a predefined array of strings.
- Simple HTTP Router using a Trie.  
Technologies used: Python, JupyterNotebook, Git.  
Link: [github.com/ciocirlanrobert/dsa2](#)
- LRU Cache.
- Huffman Encoding & Decoding.
- Simple Blockchain implementation.  
Technologies used: Python, JupyterNotebook, Git.  
Link: [github.com/ciocirlanrobert/dsa1](#)

### COLMAR ACADEMY

- One page responsive layout built from a design mockup.
- Technologies used: HTML5, CSS, JavaScript, Git.
- Link: [ciocirlanrobert.github.io/colmar](#)

## CERTIFICATIONS

### UDACITY

- Data Structures & Algorithms Nanodegree Program Graduation Diploma  
Link: [See Credential](#)