

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:

- Data Structures
- Algorithms
- JavaScript

Intermediate:

- ReactJs
- Apollo Client
- Material UI
- HTML
- CSS
- Python
- Git

Beginner:

- Sass
- Node.JS
- ExpressJS
- Webpack
- SQL

Others:

- Markdown
- LaTeX

CERTIFICATIONS

UDACITY

Data Structures & Algorithms

Nanodegree Program Graduation

Diploma

See Credential

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.

MODUS CREATE | FRONTEND DEVELOPER INTERN

Jun 2020 - Sep 2020 | Cluj, Romania

- Developed a Jobs Application using **React**, **Material UI** and **Apollo Client** on a **GQL Server**. The application managed three different types of users, a simple user, a company user and an admin, each category having independent and/or common features.
- Participated in Practical Trainings (JS Basics, React Introduction, Virtual DOM, Conditional Rendering, React Lifecycle, React Router, React Hooks, Render Props, Higher Order Components, React Context Api, Apollo Client - mutations, queries, cache manipulation (readQuery, writeQuery, refetchQueries), Git best practices, Agile, Code review).
- Actively participated in a dynamic learning process alongside my intern colleague.

PROJECTS

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

NEWS ARTICLE EVALUATOR WITH NATURAL LANGUAGE PROCESSING

- Web app that allows users to run Natural Language Processing on articles, responding with information like whether the content is subjective or objective and whether it has a positive, negative or neutral tone.
- Technologies used: HTML, Sass, JavaScript, NodeJS, Express, Aylien API, Webpack.
- Link: github.com/ciocirlanrobert/article-evaluator