ILIUȚĂ-LAURENȚIU ANDONI

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EDUCATION

West University of Timișoara	Timișoara, România
Bachelor's Computer Science (taught in English)	09/2020 - Current
Johannes Kepler University	Linz, Austria
Erasmus+ Student in Computer Science	09/2021 - 02/2022
National Pedagogical College "Constantin Brătescu"	Constanța, România
Degree in Mathematics and Informatics	09/2016 - 06/2020

WORK EXPERIENCE

Ensemble Software Romania — Summer Practice Stage
Software Engineer — Jul 2022 - Aug 2022

- Worked in an Agile environment
- Developed functionalities of a full stack web application
- Took the role of the team leader and bonded the team members to achieve potential sprint speed
- Technology stack: React, NestJS

Wolters Kluwer — Practice Stage
Software Tester — March 2022 - June 2022

- Developed a testing software that ensures correct behavior of UI elements using automated testing. In order to develop this software we choose to work with Python and the Selenium framework

SKILLS

Programming:	Python, C, C++, Javascript, Java, Git
Web Development:	HTML, CSS, JavaScript, React, NestJS
Language:	Romanian - Native, English - C1

PROJECTS

Food Mood *HTML, CSS, Less, React, NestJS, TypeScript, MySQL*
Basic functionalities for web application that simulate an food delivery service. Worked both on the frontend and backend of the project

Sport Event Planner *HTML, CSS, React, Node, Express, MongoDB*
Developed the front-end of a full-stack MERN application in collaboration with IBM.

Algorithms and Data Structures *C, C++, Python*
Developed data structures such as linked lists, search trees, hash tables, directed and undirected graphs Implemented algorithms such as Dijkstra's shortest path, Monte Carlo integration for computing areas, Ford-Fulkerson Max-Flow, data and files manipulation

Chef in The Box *Python, UML*
The final version uses the Django framework, includes RESTful API for manipulating data in the database and algorithms created for processing data using Python. Designed and integrated the Manufacturing Execution System. Simulating a smart factory

Scientific Projects *Latex, C, Python*
Scientific Paper written in Latex on the topic "Ascertaining the fastest algorithm for sorting in various conditions". Application with regular expressions on Facebook Matrics prepared during Formal Languages and Automata Theory class

AWARDS AND VOLUNTEERING

Leadership Certificate awarded	
Fundația LEADERS	03/2021
Organizația Studenților din Timișoara	
IT & Logistics Department	10/2020 - 07/2022
Socrates Debate club	
Speaker and Former Chairman	09/2016 - 09/2019
Erasmus+	Meeting in Igualada, Spain
	Spring 2017