



Elena-Daniela Covercă

Second Year Student in
Computer Science

MY PROFILE



I am currently a second-year student majoring in computer science, with a solid understanding of programming languages such as Java, C++, and Python, and of developing software systems such as VisualStudio, Eclipse, NetBeans. Additionally, I have completed a range of coursework in Data Structures and Algorithms, Database Systems, and Web Design. During my free time, I enjoy working on personal programming projects and keeping myself updated with the latest technologies. My previous internship at Continental Tires allowed me to apply my skills and it has given me a strong sense of teamwork, communication, and problem-solving. I am eager to explore new technologies and apply my skills in a collaborative environment, and I look forward to contributing my knowledge and experience to relevant internships or job opportunities.

PROJECTS



• VirtualAid

I developed a hospital management systems that can facilitate the entire appointment scheduling process, including the follow up and the communication between hospital staff and patient. The application was mainly created using Java and it also comes with a GUI designed with Swing. The Database Management System was done using PhpMyAdmin and SQL.

Github: <https://github.com/CovercaElena/ProiectPI.git>

• TeaTime

I developed an e-commerce site that sells tea for my Web Design class in order to familiarize myself with HTML, CSS, JavaScript. The Database was managed using PhpMyAdmin and PHP in order to integrate it with my front-end contents.

Github: <https://github.com/CovercaElena/TeaTime.git>

• Resource Monitor

I developed a System Resource Monitor in Bash that identifies current available and utilized resources of the system, it logs historical system resources and generates their evolution graphs.

Github: <https://github.com/CovercaElena/ResourceMonitor.git>

• Architect

I developed a site that shows the evolution of architectural styles around the world, using HTML, CSS and JavaScript.

Github: <https://github.com/CovercaElena/Architect.git>

• Quiz

I developed a quiz in Java for my Advanced Data Structures Class that uses B-Trees as data base management.

Github: <https://github.com/CovercaElena/Quiz.git>

EXPERIENCE



IE Methods Internship

November 2022-March 2023

Monitored the performance of the machines using Microsoft Office Tools like PowerBi, PowerPoint and Excel.

CONTACT



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Timișoara, Romania

SKILLS



- English Level: C1/Advanced
- Python
- Bash
- C/C++
- Java
- HTML
- CSS
- JavaScript
- Oracle SQL
- MicrosoftOffice Tools

COURSEWORK



- Algorithms
- Data Structures
- Object Oriented Programming
- Web Design
- Logic for CS
- Databases
- Computer Architecture
- Operating Systems
- Calculus

EDUCATION



2017-2021

"Ecaterina Teodoroiu"
National College, Tg-Jiu
Mathematics and
Informatics Profile

2021-2024

BCS in Computer
Science, West Univeristy
of Timișoara