



Comsa Filip-Emanuel

COMPUTER SCIENCE STUDENT

Profile

Computer Science Student looking for a first job/internship opportunity in my domain of interest. I am a hard-working and dedicate person who attempts to think outside the box to bring high-quality work to any possible project.

Education | October 2019 — July 2022

Bachelor, Babes-Bolyai University Faculty of Mathematics and Computer Science-English, Cluj-Napoca

Projects

Toy Language Interpreter in Java

Implemented a functional multi-threaded toy language interpreter using the java programming language as a learning project to better understand the works behind interpreters and compilers.

Dynamic Website – Co-worker at a High School Thesis

- Implemented a website using php and JavaScript which dynamically generates its pages by using template files with minimal configuration in a platform free environment.

Tapes Management

- Developed a Qt GUI application in C++ that can perform basic operations on a tape collection. The application also provides a myList window for saving tapes and Undo/Redo buttons (implemented with Observer Pattern).

Order and Chaos

- Implemented an Order and Chaos game in Python using layered architecture (MVC) where the input can be manipulated by the user. I learned how important tests can be and the basic structure of a game.

Python Final Project

- Implemented a homework-assignment application in Python using layered architecture (MVC) where the user has a menu from where he can choose what the program should do

Block Breaker

- Implemented a Block Breaker game using C# in Unity. I acquired a basic understanding of C# and its capabilities in a friendly environment, Unity.

Personal Projects

- I worked with Adam Claudiu on a couple of projects. Under his supervision I worked on Web-Design projects and learned more about SQL-Server.

Relevant University Courses

Fundamentals of Programming, Computer Systems Architecture, Data Structures and Algorithms, Object Oriented Programing, Operating Systems, Advanced Programming Methods, Databases.

Extra - Courses

The Complete Foundation Stock Trading Course, Udemy **April 2020 — April 2020**

Oracle SQL Courses, Oracle E-learning **December 2018 — April 2019**

Extra - Curricular Activities

Participated at the Code Camp Conference **24 November.2019**

Participated at the IP Workshop - Summer School - IoT Course **13-26 August 2018**

References: Adam Claudiu from NTT Data: adam.claudiu86@gmail.com

Details

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<https://github.com/filip-x/Personal-projects>

www.linkedin.com/in/comsa-filip

Programming Languages:

Python - Intermediate

C++ - Beginner

HTML/CSS - Beginner

Java - Beginner

PHP - Beginner

Terminal - Beginner

SQL Server - Beginner

NASM - Beginner

Skills

Communication-Social, Teamwork, Leadership, Problem solving, Motivation, Patience.

Software (Programs):

Visual Studio, Visual Studio Code, JetBrains tools, Microsoft Office, Microsoft SSMS, VMware, Terminal, WordPress,

Hobbies

Sports, Photography, Cars, Stock-trading, Extreme Sports.

Languages

English B2

German B2

Romanian