IRINA CALIN

Software Developer

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EDUCATION

Bachelor in Computer Science - English Section
Alexandru Ioan Cuza University of Iasi | 2018 - Present

High School Studies in Mathematics&Computer Science
Costache Negri National College of Galati | 2014 - 2018

PERSONAL PROJECTS

ChessyChess
A client model for the chess game

- Main programming language: C++, written under Linux
- Makes use of the TCP/IP and BSD Socket API in order to exchange information with the server
- Database created and managed with SQLite
- User interface built using Qt Creator

ZeN
A compiler for an original programming language named ZeN

- Makes use of a lexical analyzer generator - Flex and a a tool to produce a parser for the specific grammar - Yacc
- Contains a .h file written in C/C++ in order to export both the errors and the symbol table for a program given as input

TeVi
An interactive global terrorism visualizer | in progress

- Based on the MVC architecture model
- Makes use of HTML, CSS & Javascript + a REST API
- Offers the possibility of exporting data in more formats (PNG, CSV, SVG)
- Includes support for multi-criterial search for reported incidents, including details from external resources

SKILLS

English Language

Object-Oriented Programming (C++/Java)

Graphic Design / Visual Arts / Adobe Photoshop / Illustration

Probabilities & Statistics / Mathematics

Data Structures / Algorithms

Public Speaking / Leadership / Teaching / Organization

Critical Thinking / Problem Solving

COMFORTABLE WITH

Python

Unix/Linux

HTML/CSS/Javascript

PL/SQL

Matlab

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