Stefan Bačević

Personal:

Name: Stefan Bačević

Date and place of birth: 11.09.1991 in Kruševac, Serbia

Citizenship: Serbian

Website: http://lnkd.in/b_BpcMf

E-mail: stefanbacevic91@gmail.com

Telephone: +381 69 4740607

Education:

Faculty of Mathematics, University of Belgrade

2014-2015 (expected)

Master's degree

Computer and Information Science

2010 – 2014
Average grade 8.66
Bachelor's degree
Computer and Information Science

High school "Gimnazija Sveti Trifun", Aleksandrovac
2006 – 2010
Average grade 4.95

Technical skills:

Programming languages:

C, C++, Java, Javascript, SQL, Android Development, Lex, Yacc, Bison, Python

Applications:

Eclipse, NetBeans, Matlab, Wolfram Mathematica, UML

Other experience:

Algorithms, Context-free grammars, HTML, CSS, XML, Assembly, LaTeX, Linux, Haskell, Prolog, Lisp

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Projects:

SQLJ application for students' travel registers

Application that enables input, deletion and modifications of data about students who are going to organized trip. Application also determines the price of travel according to multiple factors and generates report and statistics.

TCP/IP and UDP Server-Client applications

Multi-threaded and multi-process applications written in C programming language which use I/O multiplexing or blocking communication

Recognition of transformation

The program allows user to draw polygons on panel, then user chooses 3 points and their corresponding images under a transformation. After that program calculates matrices of that transformation, determinates which transformation it is (if it is some transformation which can be made as composition of homothety and isometric transformations) and writes it on screen. Then program makes transformation on polygons.

Various interpreters for mini versions of programming languages: Basic, C, Sql, RegEx etc.

Automatic website content analysis and extracted data manipulation using regular expressions in Python

Simulation of goods production, distribution and selling

The program in Java simulates producing of goods in factory, their distribution by several trucks to few warehouses, then by vans from warehouses to markets and selling in markets.

Languages:

Serbian: mother tongue

English: written - fluent, spoken - fluent

French: written – basic, spoken – basic

Other:

Certificate of Android Development course completion at Prelovac Media

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Hobbies:

Cycling, swimming