

Curriculum Vitae

Luka Miletić

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Career Objective:

Student majoring Informatics at the Faculty of Mathematics (4th year). I've built a few projects by myself and I'm looking for a role where I can grow and learn from other experienced team members. I'm highly motivated for work and gain new knowledge.

Projects:

- **Tank Attack**
Tank Attack is 2D multiplayer game, developed in C++ programming language.
- **Minimum sum coloring**
Solving a NP-hard problem with optimization techniques such as local search, simulated annealing, variable neighborhood search(VNS) , genetic algorithm and hybrid algorithm.
Developed in Python programming language.
- **LLVM – pass**
Project where simply llvm pass was written for new programming language(that looks like pascal) – C/C++
- **Target Shooting**
3D graphics scene with lighting and models developed in C++(OpenGL).
- **Projective geometry**
A project that contains solutions (programs, pictures) of interesting problems implemented in Python, that were given as part of the homework in the course Projective Geometry in Computing.
- **AtomicBomb-modeling**
Seminar paper from course “Osnovi matematičkog modeliranja”
- **Alat Pex**
Seminar Paper about tool Pex

Education:

2017 - current Faculty of Mathematics – University of Belgrade ; Informatics dept. Fourth year (one exam left)

2013 – 2017 Gymnasium “Sveti Trifun sa domom učenika ” in Aleksandrovac; Excellent student; Awarded “Misliša” 2th place 2014, 3th 2015,2016

2007 – 2012 Private English language school “Camelot” in Aleksandrovac

Skills:

Programming language:

C, C++, Python, Java, SQL, JavaScript, Haskell, Scala

Editors and IDEs:

QtCreator, IntelliJ, PyCharm, Clion, Visual Studio Code, Jupyter Notebook

OS:

GNU/Linux, Windows

Industry Knowledge:

OOP, Algorithms, Networks, Compiler Construction, Data mining, AI, Software Development

Languages:

Serbian - Native

English - Professional working proficiency

French - Elementary proficiency