



# Nebojša Koturović

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## 🎓 EDUCATION

- **“Faculty of Mathematics”** - Informatics - University of Belgrade, Serbia *exp. 2015 — 2022*
- **High school “Dragačevo”** - Financial technician - Lučani, Serbia *2010 — 2014*
- **Elementary school “Milan Blagojević”** - Lučani, Serbia *2002 — 2010*

## ✓ PROGRAMMING LANGUAGES

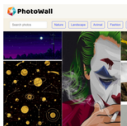
C, C++, Rust, Haskell  
Python, Java, Javascript/TS  
Zig, Nim, Scala



## 🔧 TECHNOLOGIES

Linux, Git, Bash, LLVM, SQL, Qt, OpenGL,  
OpenCV, CMake, Conan, Docker, Web, HTML/CSS,  
Angular,  $\LaTeX$ , Markdown, Vim, IntelliJ, VSCode

## 👥 TEAM PROJECTS

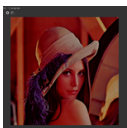


### **Photowall** - Website for sharing digital images

Link: <https://gitlab.com/matfpveb/projekti/2019-2020/11-photowall>

Applied skills: C++, Typescript, Angular

Server application written in C++, help with developing client application



### **Photon** - Program for applying effects on digital images

Link: <https://github.com/nkoturovic/RS009-photon>

Applied skills: C++, OpenCV, Qt

Developing RS\_IMG library, Undo, Gui



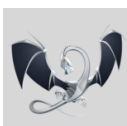
### **Pluton** - Terminal File Manager

Link: <https://github.com/mrdakj/Pluton>

Applied skills: C++, TermOx

Implementing text-based user interface

## 👤 PERSONAL PROJECTS



### **C compiler (LLVM backend)** - Translator from C to LLVM IR

Link: <https://github.com/nkoturovic/compiler-project>

Applied skills: C++, Flex, Bison, LLVM

Implementing front and back end of compiler



### **SenseFX** - Interactive 3D File Explorer

Link: <https://github.com/nkoturovic/sensefx>

Applied skills: C++, OpenGL

3D virtual environment for exploring directory structure

## 💡 WORK SKILLS

- Agile methodology and Scrum framework
- Structured, functional and object-oriented paradigm

## ❓ INTERESTS

- Artificial intelligence, computer simulations
- Volleyball, basketball and other sports activities