

# ALEN AKIF

SOFTWARE ENGINEER



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## ABOUT ME

A passionate software engineer from Belgrade. BSc in Computer Science at Računarski fakultet (RAF) of Union University of Belgrade. I am a collaborative, open-minded, and dedicated person who strives to resolve all challenging problems. I plan to enroll in master studies in computational finance at Računarski fakultet.

## SKILLS

- Programming languages:
  1. C
  2. Java
  3. Python
  4. JavaScript
- NodeJS, Code Blocks, AndroidStudio, PyCharm, Eclipse, Arduino
- Object-Oriented Programming, Algorithms & Data structures, Design Patterns, Software architecture, Concurrent Programming, OS Fundamentals and etc.

## EDUCATION

### SECONDARY SCHOOL

XIII Belgrade Gymnasium

### BACHELOR OF COMPUTER SCIENCE

Računarski fakultet (RAF)

## PROJECTS

### FAT16 simulation

An application that simulates the operation of the FAT16 disk with visual evidence of data storage in simulated clusters of a file system and disc sectors. The application is written in Java language in Eclipse.

### Expense tacking app for Android devices

An application intended for expense tracking, allowing the user to section their spendings by categorizing them while naming each payment nad its spent amount. The application is written in Java language in Android Studio.

### RAF Starter KIT

An application created to help students to manage their courses by providing a simple app to access their class schedule, student chat and a newsletter keeping them up to date. The application is written in Java language in Android Studio.

### Word distribution tool

A concurrent application that counts the number of occurrences of a word or group of words in a given text. The application is written in Java language in Eclipse.

### Distributed chaos

A distributed system that computes fractal structures using a chaos game. The application is written in Java language in Eclipse.

## LANGUAGE

ENGLISH - PROFESSIONAL WORKING PROFICIENCY  
SERBIAN - NATIVE PROFICIENCY