KATARINA ŽERAJIĆ

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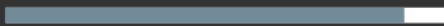📅 October 20th, 1999
🌐 github.com/Kina999
in www.linkedin.com/in/katarina-%C5%BEeraji%C4%87-a525a7219/

Master's student of computer science with desire to improve and learn in the field of artificial intellingence and web development. Love to learn and work hard on every problem that come accross.
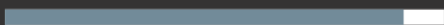
SKILLS

Java

Python

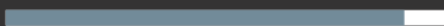JavaScript (Vue.js, Angular)

C#

C++

C

Mendix

LANGUAGES

Serbian

English

French

EMPLOYMENT HISTORY

Teaching associate, Faculty of technical sciences, University of Novi Sad

Oct 2022 - Present

EDUCATION

Gymnasium
Gymnasium Aleksa Šantić, Nevesinje

Sep 2014 - Jun 2018

Bachelor's degree, Electrical engineering and computer science
Faculty of Technical Sciences, Novi Sad
Average grade: 9.68
Scholarship holder of the Fund for young talents

Oct 2018 - Sep 2022

Master's degree, Electrical engineering and computer science
Faculty of Technical Sciences, Novi Sad

Oct 2022 - Present

PROJECTS

DISLINKT
A business social network to connect employers and job seekers. Made as a microservice application using Spring Boot and Angular (4 people project). Dislink is secured by integrating security controls into its modules.

HOSPITAL – PHARMACY INTEGRATION
Web application for integration between hospital and pharmacies. Made with Angular and ASP .NET Core (16 people project).

FISHING ROD

Web application for booking cottages and fishing instructors. Made with Angular and Spring Boot (3 people project).

DRIVING - SCHOOL

Web application that allows candidates to organize the entire driving test process as well as communicate with instructors. Made with Angular and Spring Boot.

HOSPITAL

C#/WPF project. Desktop application, intended for the manager of the institution. Special emphasis is placed on clean code and design patterns.

WEB SHOP

Web application for food delivery. Made with Java and Vue.js (2 persons project).

STUDENT SERVICE

Java Swing project. Allows the user to keep records of students, professors and subjects (2 persons project).

MINI-C COMPILER

Compiler whose task is lexical, syntactic and semantic analysis of written code. Made with flex and bison.

CHANCES OF STROKE BASED ON DATASET OF PATIENTS

Machine learning project made with python.

CAPTCHA PROBLEM

Optical character recognition using keras and openCV.

FACIAL EXPRESSION ANALYSIS

Machine learning project made with keras and openCV.

PARKING OCCUPANCY ANALYSIS

Parking occupancy analysis with openCV.

OPENGL PROJECT

Graphical representation of truck on construction site with animation, using OpenGL.

ACTIVITIES

Codeference   Nov 2021 - Nov 2021
Zlatibor

Conference for students of electrical engineering and computer science in which I participated in lectures by IT companies from Serbia and the region.

Konteh hackathon   Feb 2022 - Feb 2022
Novi Sad

Participant in the hackathon organized as part of the conteh fair for students of electrical engineering and computer science where I worked on a conceptual solution (in the form of an application) to solve the problem of reading room occupancy.

OWASP TOP 10   Jun 2022 - Jun 2022
Novi Sad

Lecture on owasp top 10 threats for applications held by emakina.rs developers.