



Lenka Nedeljkovic

Bachelor of Science in Electrical and Computer Engineering

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🏠 Education

The First Grammar School of Kragujevac - Special Mathematics department, from 2011 to 2015

Faculty of Engineering, University of Kragujevac - Computer Technology and Software Engineering, from 2015 to 2019

Work Experience

Software Engineer - 6 months in “*Maxeler Technologies*”

[year 2020, Kragujevac, Serbia]

Angular developer - 6 months in “*Quantox Technology DOO Cacak*”

[year 2022, Kragujevac, Serbia]

Laravel developer - “*Quantox Technology DOO Cacak*”,

[from October 2023]

Skills

1. Deep theoretical mathematics knowledge
2. C / C++ programming languages. Software engineering project patterns
3. Python programming language
4. Object-oriented programming, Java
5. HTML, JAVA-SCRIPT, XML, Dynamic HTML documents, Programming language PHP
6. Angular 7 and Laravel 8
7. Database design, MySQL
8. Linux Shell scripting and Linux System Administrator skills
9. Algorithms
10. Software documentation development, UML diagrams

Web Courses

- Deep learning specialization courses by Andrew Ng
<https://www.coursera.org/specializations/deep-learning>
- Certified Java Fundamentals and Java Programming courses at “Oracle Academy”
<https://github.com/lenkacned/certificates/tree/main/Oracle%20Academy>
- Angular course by Andris Vilde
<https://github.com/avilde/av-recipe-book>
- Laravel 8 From Scratch by Jeffrey Way
<https://laracasts.com/series/laravel-8-from-scratch>

Professional practice during studies

”4 IT doo”

[year 2019, Kragujevac, Serbia]

1. Scrum in practice
2. Developing an Angular application for the airport system.

Assignment: *“Migrate an existing application from Angular 2 to Angular 7. Building an application from scratch.”*

Honours and Awards

Participation in the “**Huawei Seeds for the Future program 2019**”.

It was an honor to attend classes at Huawei Training Center where I listened to classes about the 5G network. During the visit I also have studied Mandarin and went to see all the great buildings of previous Chinese dynasties.

[Shenzhen and Beijing, China from 12/6/2019 to 12/20/2019]

Certificate for successfully completed program - find it here:

<https://github.com/lenkacned/certificates/tree/main/Huawei>

Faculty projects

Graduate thesis

Prediction of Raspberry Plant Diseases Using Convolutions in Deep Neural Networks

Required:

Anaconda and packages: numpy, scikit-learn, matplotlib, PIL, math, io, jupyter notebook

Find it here: <https://github.com/lenkacned/projects/tree/main/Diplomski%20rad>

- ◆ Course: Computer architecture
Assignment: Microcontroller PIC18F45K20 architecture - Blinking odd numbered diodes
Required: microcontroller PIC18f45x20, MPLAB X IDE v3.51
Path: <https://github.com/lenkacned/projects/tree/main/Arhitektura%20racunara>
- ◆ Course: Basic of Computer Engineering 2
Assignment: Security alarm with fire sensor
Required: FPGA Spartan 3E, Logisim and Xilinx Ise Design Suite 14.7
Path: <https://github.com/lenkacned/projects/tree/main/Osnovi%20Racunarske%20Tehnike>
- ◆ Course: Object Oriented Programming
Assignment: Tourist Travel Booking Program
Required: UML diagrams, Java, NetBeans IDE 8.2.
Path: <https://github.com/lenkacned/projects/tree/main/OOP>

- ◆ Course: Microprocessor Systems
 Assignment: Step motor control - Robot movement (straight, left, right, speed up and slow down)
 Required: PIC18f4520 microcontroller, IR (proximity) sensor, led bar, signal control driver, two step motors, MPLABX
 Path: <https://github.com/lenkacned/projects/tree/main/Mikroprocesori>
- ◆ Course: Programming Internet Applications
 Assignment: Website for gathering Serbia music bands
 Required: PHP, HTML, CSS, JavaScript and WAMP server
 Path: <https://github.com/lenkacned/projects/tree/main/Programiranje%20Internet%20Aplikacija>
- ◆ Course: Databases
 Assignment: Electronic pharmacy recipes issuing
 Required: PowerDesigner, SQL
 Path: <https://github.com/lenkacned/projects/tree/main/Baze%20podataka>
- ◆ Course: Software Engineering
 Assignment: Find the Shortest Road in America with Real Distances ("the shortest path problem")
 Required: C++
 Path: <https://github.com/lenkacned/projects/tree/main/Softverski%20Inzenjering>
- ◆ Course: E-commerce and Software Engineering 2
 Assignment: Computer elements in commerce Web application
 Required: Angular 7 + Codeigniter
 Path: <https://github.com/lenkacned/projects/tree/main/Softvesko%20inzenjerstvo%202/Angular>
- ◆ Course: Expert Systems
 Assignment: Inflammation
 Required: Java 1.5 SE JDK, Eclipse 4.2 and Drools Plugin module
 Path: <https://github.com/lenkacned/projects/tree/main/Ekspertski%20sistemi>
- ◆ Course: Designing Information Systems and Databases
 Required: C Sharp

Assignment: Records of students grades

Path: <https://github.com/lenkacned/projects/tree/main/Projektovanje%20informacionih%20sistema%20i%20Baza%20podataka>

◆ Couse: Artificial Intelligence

Assignment: Prediction of train directions using Neural Networks

Required: Anaconda, numpy, scikit-learn, matplotlib, jupyter notebook

Path: <https://github.com/lenkacned/projects/tree/main/Vestacka%20Inteligencija>

Courses during studies

Find my course-book here: https://github.com/lenkacned/course_book