

Adrián Rovňan

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Summary

I'm Computer Engineering student at Faculty of Management and Informatics at University of Žilina. I'm highly interested in Embedded Software development, low-level programming, web development and networking. During my study I gained hands-on experience with C/C++, assembly, various embedded devices such as ESP32, ATmega328P, etc., along with basics of electronics, digital logic design and measuring tools such as multi-meter and oscilloscopes. I hold various certifications from networking and web development which gave me solid foundation in networking and web development. I worked on multiple interesting projects, such as management system written in C and various embedded and web applications.

Skills

C • SQL • Linux • Java • Embedded Devices • React • Next.js • JavaScript

Projects

QR Code Generator

Jul 2023 – Jul 2023 •

1 coworker

Technologies: Java

Made a simple GUI QR Code Generator / Reader, made using ZXing library for parsing / generating QR Codes and JavaFX for GUI. Project uses Gradle as build system for building JAR executables and pulling necessary libraries.

Car store management system

Oct 2024 – Jan 2025 • 3 mos

1 coworker

Technologies: C

Developed a console-based car store management system in C as part of my bachelor's subject. The goal was to create a complex application using dynamic memory allocation and pointer arithmetic. The project includes a Makefile for building, supports basic management features (adding, removing, listing cars), and can persist store data to a file.

Data Structures & Algorithms Library

Jun 2025 – present

1 coworker

Technologies: C • Data structure • Algorithm

Built a custom C library implementing commonly used data structures and algorithms, including linked lists, stacks, queues, and sorting/searching algorithms. The project uses CMake for building and includes unit tests written with CUnit.

Education

Bachelor's degree: Computer Engineering

Sep 2023 – Jun 2026 • 2 yrs 9 mos

University of Žilina - Faculty Management science and informatics
Žilina, Slovakia

Secondary School Leaving Certificate (Maturita): Information systems and services

Sep 2019 – Jun 2023 • 3 yrs 9 mos

SSOŠ Pro Scholaris
Žilina, Slovakia

Certifications & Awards

Basics of Programming and OOP - Skillmea	Jun 2023
NDG Linux Essentials - Cisco	Mar 2024
CCNA: Introduction to Networks - Cisco	Jun 2024
React Foundations for Next.js - Vercel	Aug 2025
Next.js Pages Router Fundamentals - Vercel	Aug 2025
Next.js App Router Fundamentals - Vercel	Aug 2025

Languages

Slovak (Native or bilingual proficiency)

English (Full professional proficiency)