



CONTACT

E-MAIL

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PHONE

+48 789 567 838

LOCATION

Nowogrodziec / Wrocław

LINKEDIN

linkedin.com/in/tworekrobert

GITHUB

github.com/roposropos

PORTFOLIO

portfoliotworekrobert.vercel.app/en

DRIVING LICENCE

cat. B

TECHNOLOGIES

SYSTEMS & SUPPORT

Windows, Linux, hardware and software diagnostics, log analysis

NETWORKS

TCP/IP, DNS, DHCP, VLAN

DATABASES

SQL, PostgreSQL, MySQL

PROGRAMMING

C#/.NET, Java, Python, C++, VHDL

WEB & APPLICATIONS

HTML, CSS, JavaScript, TypeScript, React, Next.js, Tailwind CSS, ASP.NET, Django

TOOLS

Git, GitHub, Docker, Vercel, Word, Excel

LANGUAGES

PL

Polish - native

EN

English - B2

STRENGTHS

- Fast learning and openness to new technologies
- Analytical problem solving
- Accuracy in testing and documentation
- Independent IT diagnostics
- Communication and teamwork

DEVELOPMENT PATH

- Internship, traineeship or first junior role
- App development, IT support and QA/testing
- Databases and technical documentation

ROBERT TWOREK

Technical Computer Science Student | applications, databases and IT support

Specialization: Information systems in medicine

PROFESSIONAL PROFILE

Technical Computer Science student at Wrocław University of Science and Technology, specializing in Information systems in medicine, and a qualified IT technician. In academic and private projects, I have developed web and desktop applications, relational databases, TCP communication, testing, log analysis and documentation. I learn new tools quickly, am open to new technologies and am looking for my first practical IT experience - through an internship, traineeship or junior/trainee role. I want to grow in a team where I can combine programming with a practical approach to support, quality and system maintenance.

PROJECTS AND TECHNICAL EXPERIENCE

- Pharmacy management system - team project**
C#, Avalonia UI, PostgreSQL, ODBC
Desktop application supporting pharmacy processes: medicines, customers, prescriptions, sales, deliveries and reports. Scope: PostgreSQL relational model, user roles, data validation, operation audit and reporting views.
- Bilingual portfolio website - private project**
Next.js, React, TypeScript, Tailwind CSS, Motion, GitHub REST API, Vercel
Portfolio website built from scratch as a private project and deployed to production. Scope: Next.js App Router architecture, React components, PL/EN versions, GitHub API integration, SEO, sitemap, CV download and deployment on Vercel.
- Multi-process restaurant simulation**
Java, Swing, TCP sockets
Client-server simulation with separate client, server, GUI and restocker processes. Scope: TCP communication, synchronization of access to resources and real-time visualization of the system state.
- 1-Wire controller for DS18S20 sensor - team project**
VHDL, Vivado, XSim, FPGA
Controller for reading temperature from a DS18S20 sensor on the AUP-ZU3 board. Scope: bit and byte layer, testbenches, timing simulations and implementation report.
- Optimization algorithms for TSP and ATSP**
C++17, Python, TSPLIB, CSV
Comparison of exact algorithms, heuristics and metaheuristics for TSP/ATSP. Scope: automated tests, time and error measurements, CSV results export and comparative analysis.
- Vocabulary learning app - team project**
Python, Django, HTML, CSS, JavaScript
Web application with flashcards, quizzes and progress tracking. Scope: interface views, styling and basic user interactions.

EDUCATION AND INTERSHIPS

Wrocław University of Science and Technology

2022 - present

Technical Computer Science - engineering studies

Faculty of Information and Communication Technology | specialization: IMT - Information systems in medicine
Selected areas: databases, computer networks, operating systems, testing and documentation.

Electronic Schools Complex in Bolesławiec

2018 - 2022

IT technician

Qualifications: operating computer systems, peripheral devices and networks; website and database development. Vocational internship: St. Luke's Hospital in Bolesławiec.

ADDITIONAL INFORMATION

- Preferred areas: application development, IT support, QA/testing, databases and technical documentation.
- Open to internships, traineeships or first junior/trainee role; Wrocław / Nowogrodziec; on-site, hybrid or remote mode.