

Curriculum Vitae

Personal Information

Name **Rafał Chodźdło**
Address **Wieczorka St. 3, 43-245
Studzionka
(residing in Gliwice)**
Telephone **+48 530 529 985**
Date of birth **17 March 1992**
Nationality **Polish**
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Education

Dates (from - to) **20.02.2015 – present (10.2016)**
Name and type of organisation providing education and training **Silesian University of Technology
Automation Control, Electronics and Computer Science
Faculty
Automation Control and Robotics
Second-cycle studies**

Dates (from - to) **1.10.2011 – 28.01.2015**
Name and type of organisation providing education and training **Silesian University of Technology
Automation Control, Electronics and Computer Science
Faculty
Automation Control and Robotics**

Title of qualification awarded **Engineer**

Dates (from - to) **1.09.2008 – 30.09.2011**
Name and type of organisation providing education and training **Bolesław Chrobry High School no. 1 in Pszczyna
Mathematical and physics class**

Work Experience

Dates (from - to) **10.11.2015 - present**
Name and address of employer **AIUT Sp. z o.o.
Wyczółkowskiego St. 113, 44-109 Gliwice**
Type of business or sector **Automatics, Robotics and Computer software**
Occupation or position held **.NET (C#/WPF) developer**

Main activities or responsibilities	- creating software communicates with external devices (mainly TCP / IP) - archiving and visualization of data using technology .NET, C#, WPF, MVVM, DI Autofac, devExpress, Material Design, JSON, Nhibernate, MS SQL;
Dates (from - to)	20.09.2014 -29.10.2015
Name and address of employer	CENTRUM TECHNOLOGII INFORMATYCZNEJ Zygmunt Wilder Jałowcowa St. 44-100 Gliwice
Type of business or sector	Computer software
Occupation or position held	Junior Programmer
Main activities or responsibilities	- creating programs cooperating with Comarch ERP Optima (Comarch API, SQL) - developing software for customers in .NET technology (C#, WPF, MVVM, telerik);
Dates (from - to)	01.07.2014 -05.09.2014
Name and address of employer	JJA PROGRESS Andrzej Wolski Poniatowskiego St. 25, 43-300 Bielsko-Biała
Type of business or sector	Electrician
Occupation or position held	Junior Programmer
Main activities or responsibilities	- developing software for customers in .NET technology (C# i WPF); - creation visualization of work devices - taking part in programing PLC Controllers
Dates (from - to)	25.11.2013 -28.11.2013
Name and address of employer	Lemitor Ochrona Środowiska Sp.z o.o Jana Długosza St. 40, 51-162 Wrocław
Type of business or sector	Environmental Protection
Occupation or position held	Intern
Main activities or responsibilities	Measuring of noise and traffic in Warsaw and Czestochowa
Dates (from - to)	1.10.2013 – present
Name and address of employer	Silesian University of Technology Akademicka St. 16 , 44-100 Gliwice
Type of business or sector	Science Club MODUS
Occupation or position held	Member
Main activities or responsibilities	Project Management, PCB design, programming microcontrollers, testing equipment

Personal skills and competences

LANGUAGES

Polish	Native language
English	B2 level (intermediate) Silesian University of Technology Certificate
Russian	A1 level (beginner)

TECHNICAL SKILLS AND COMPETENCIES	<ul style="list-style-type: none">-Object-oriented programming, design and analysis software.-Programming languages: C# (main language), C, PHP, HTML, CSS-Knowledge of the .NET Framework, WPF, LINQ and MVVM design pattern, dependency injection design pattern-Knowledge of Database: MS SQL, MySQL, NHibernate framework-Knowledge of Telerik components, DevExpress and Material Design in XAML Toolkit-Knowledge of libraries MVVM Light Toolkit, Autofac, Nlogger, Newtonsoft.Json, AutoMapper- Knowledge of version controls: GIT, SVN-Knowledge of the programs: Microsoft Visual Studio 2015, SQL Server Management Studio, MS Office, Comarch ERP Optima, Crystal Reports XI, Unity 3D, Adobe Photoshop, TeamViewer, VNC Viewer, GitKraken-Ability to create and read circuit diagrams-Ability to read documentation English language
OTHER SKILL AND COMPETENCES	I am a person who easily communicate with other people. I am is characterized by a high capacity to absorb knowledge. I am vigorous and creative. Activity in Science Club MODUS give me an experience in motivating others, effective time management and project management. I am still an active member of the Volunteer Fire Brigade, where I learned to make decisions in stressful situations.
Dates (from - to)	20.08.2010 – 20.12.2010 Voluntary Fire Brigade in Studzionka First aid course
DRIVING LICENSE	A, B

Projects

Dashboard Application	08.2016
.NET, C#,	Windows service is used as business part for the website.
NHibernate, JSON,	Communication between website and service is made using JSON format

AutoMapper, SQL and methods POST and GET. Application manipulates the database and LINQ performs complex calculations based on large amounts of data. Application connects to several databases and gets data from the FTP servers.

UI for Windows service 06.2016
.NET, C#, WPF, MVVM, Desktop application is used to configure and visualize the status of a LINQ, DI (autofac) Windows service. Communication between UI and service is made using DevExpress components, library "Named Pipe Wrapper". User can set theme of UI to improve material design in XAML comfort of work. The application is able to install a Windows service or toolkit run it temporarily as a normal process (portable version).

PLC Communication 02.2016
.NET, C#, Asynchronous class allows for continuous communication with the PLC. LINQ, Communication is two way and occurs by .Net class "TcpClient". It is Nlogger TCP/IP protocol. The server sends a bit frame which is converted to the suitable structure and analyzed to call appropriate methods. After done functions or on user request is sent back message until server acknowledge receipt. The communication module contains own system detects no connection to controller. In case of breaking the connection the return message is saved, and message is immediately sent after reconnect.

Rental Trailer 04.2015
.NET, C#, WPF, MVVM, The program for the management of rental trailers. Reminding about the Telerik, SQL, Comarch return of semi-trailers, periodic reviews, issuing invoices, generate and Optima, Crystal Reports XI print agreements. The program integrated with ERP Comarch Optima (counterparties, invoices).

MWS Mobile 02.2015
.NET, C#, WPF, SQL, Application is supporting the work of storekeeper. The application is MVVM, telerik running on the server, and the collector connects to server via remote desktop. This solution provides protection to data loss when the collector (reader) is outside the network. The application is fully scalable so it can work on all resolutions.

BOT to online game 08.2014
.NET, C#, WPF, MVVM This program simulates human game. The program communicates with the game through GET and POST messages pretending to be performed by a human in a web browser. The program is used to perform actions of player.