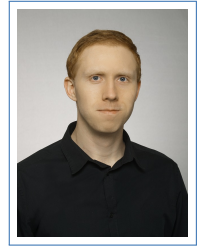


# Paweł Chojnacki

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## Professional summary

Software engineer with over two years of professional experience and twice as much experience with non-commercial projects. During my work in BSB I improved database application performance by 1200%. I was modernising an application from Silverlight tech to ASP.NET MVC. I regularly participate in technical trainings (edX, Coursera, Pluralsight) about programming, as well as architecture and software engineering.

## Professional experience

- February 2017 – July 2018 **Programmer**, *Bazy i systemy bankowe*, Bydgoszcz.  
I was responsible for the development and maintenance of SPERT (C#/.NET, MySQL) system used in most of the Polish banking institutions. I was leading order for functional changes in the taxation project ecoTAX (C#/.NET, MsSQL) for the Marshal's Office. Couple of weeks before leaving company I was in a team developing OZIN (ASP.NET MVC, MsSQL, JavaScript), a new product of the National Bank of Poland.
- March 2016 – February 2017 **Junior programmer**, *Bazy i systemy bankowe*, Bydgoszcz.  
I was responsible for the design and implementation of the new features in the anti-terrorism and money laundering software. After the end of the project, I worked in a team designated to write SWPF, a new software for financial planning of the National Bank of Poland.

## Projects

- Climate Observer **.NET Framework 4.7.1, WPF, Quartz.NET, Moq, SQLite, Entity Framework, xUnit, AutoFake, LiveCharts**, A Windows Service collects weather information using OpenWeatherMap for a list of selected cities. Desktop application allows user to show collected data in a form of interactive charts.
- Kopra **Windows Phone 8.1 SDK, MVVM pattern**, Mobile application that supports the use of social lending services. It's targeted for regular investors. Using WebAPI of *Kokos.pl*, investor has critical information on his/her smartphone at the right time.
- FERS **C#/.NET, LiveSDK API, Google API, Phonegap, Quartz.NET**, *Fast and Easy Reservation System (team project)*, A complete solution for a room booking. The system consists of a web application for booking and managing staff accounts, a Windows Service for syncing calendars, and a mobile Android app to manage reservations. I was responsible for creating synchronization service that pushes changes to third party calendar services, updates security keys, etc. I also created an app for employees to view room reservations.

## Skills

- C#/.NET **ASP.NET MVC, WCF, WPF, MVVM, Entity Framework, Moq, xUnit**, Technology used in my professional work. I direct my education around .NET stack.

|               |   |
|---------------|---|
| SQL           | <b>Microsoft SQL, Oracle PL/SQL, MySQL</b> , I migrated data between databases running on Microsoft and Oracle solutions. I wrote procedures aggregating large sets of data and software parametrization scripts for several of Polish banks. I was responsible for optimizing client process execution time. |
| JAVASCRIPT    | <b>Tensorflow.js</b> , I took part in writing the front end of a few applications using jQuery and Bootstrap. I am currently learning JavaScript by developing a side project using Tensorflow.js and Angular.  |
| PYTHON        | <b>Tensorflow, Keras, request, PyWin, pil</b> , I use Python for Machine Learning, data analysis, testing concepts and scripting tedious manual tasks.  |
| GIT           | I use the GitHub repositories on a daily basis, I also create my own repositories there.  |
| SVN           | I was using it in the professional work.  |
| VISUAL STUDIO | I've worked on all versions across Visual Studio 2008 – 2017 (with Resharper extension) and Code.   |

## Education

- 2017 – 2018 **Computer Science**, *Nicolaus Copernicus University, Masters.*
- 2012 – 2017 **Computer Science**, *Nicolaus Copernicus University, engineering degree.*
- 2014 – 2015 **Mobile apps**, *Universitat de Vic, Erasmus+ exchange.*
- 2008 – 2012 **IT technician**, *ZSMEiE, Toruń.*

## Certificates

- 04.2018 **Udemy**, *Natural Language Processing with Deep Learning in Python.*
- 02.2015 – 09.2015 **Microsoft Approved Course**, *ITA-113 Programming Mobile Devices.*

## Languages

|         |              |                                |
|---------|--------------|--------------------------------|
| polish  | Mothertongue |                                |
| english | Advanced     | <i>Conversationally fluent</i> |

## Hobbies

learning new technologies – currently .NET Core 2.1, JavaScript (Angular 6), DeepLearning  
 long-distance running – I run 10–15 km. I ran the marathon in 2017  
 Latin dance