

Marcin Jamro

Personal details

- Date of birth: **09.11.1988**
- E-mail address: **marcin@jamro.biz**
- Website address: **<http://jamro.biz>**

Education

- **Rzeszow University of Technology**, Poland **since 2011**
Computer Science (Master studies) – expected graduation date: 06.2012
- **Rzeszow University of Technology**, Poland **2007 – 2011**
Computer Science (Bachelor studies)
Diploma thesis: “*Web applications development with ASP.NET and MVC design pattern*”
- **I Secondary School in Rzeszow**, Poland **2004 – 2007**
Mathematical – IT profile with extended English

Experience

- **Microsoft Corporation**, Redmond, USA **2011.06 – 2011.09**
SQL Server Storage Management Team
SDE Intern (Software Development Engineer Intern)
- **Microsoft Corporation**, Redmond, USA **2010.07 – 2010.09**
Exchange Mobility Team
SDET Intern (Software Development Engineer in Test Intern)
- **Microsoft Student Partner** at Rzeszow University of Technology **since 2010.03**
- The **president of IT Scientific Group “KOD”** at Rzeszow University of Technology **since 2009.11**
- The **speaker of IT Academic Day** conferences **since 2010.12**
- The **organizer of IT Academic Day** conferences at Rzeszow University of Technology **2010.06, 2010.11**
- The administrator of the server of *IT Scientific Group “KOD”* at Rzeszow University of Technology **since 2008**

Skills

- **Programming languages**: knowledge of *C#, C++, C, PHP, Java, Pascal, JavaScript*
- Knowledge of **.NET Framework** in versions 2.0 – 4.0 and e.g. *WCF, LINQ, Entity Framework* technologies
- **Creating web applications**: knowledge of *ASP.NET MVC, ASP.NET, XHTML, CSS, AJAX, jQuery*
- **Creating desktop applications**: knowledge of *Windows Forms* and *WPF*
- **Creating mobile applications**: knowledge of *Windows Mobile, Windows Phone, Silverlight* and *XNA*
- **Creating games**: knowledge of *XNA*
- Knowledge of **design patterns**
- **Version control systems**: knowledge of *SVN, CVS* and *GIT*
- **Databases**: knowledge of *Microsoft SQL Server, SQLite* and *MySQL*
- Knowledge of **Microsoft SharePoint 2010**
- Knowledge of **IDEs**: *Microsoft Visual Studio, Eclipse, NetBeans*
- **Software engineering**: knowledge of creating structural and object diagrams
- **Programming PLC**: knowledge of *FBD, ST, LD, SFC, IL* languages and *CPDev* environment
- Very good knowledge of written and spoken **English** (CAE certificate)
- Basic knowledge of written and spoken **German**
- **Driving license** (“B” category)

Certificates

- **Microsoft Certified Professional Developer: Windows Developer 3.5** 2011
- **Certificate in Advanced English (CAE)** (University of Cambridge) 2010
- **Microsoft Certified Technology Specialist: .NET Framework 3.5, ASP.NET Applications** 2009
- **Microsoft Certified Technology Specialist: .NET Framework 3.5, Windows Forms Applications** 2009
- **Microsoft Certified Professional** 2009
- Confirmative certificate of *Object-oriented programming* (Microsoft) 2009
- *Young Enterprise International Examination* certificate (University of Cambridge) 2006
- *ECDL* certificate (European Computer Driving License) 2003

Achievements

- The Rzeszow University of Technology **Rector Award** 2011
- The **laureate** in *Imagine Cup 2011* competition in polish edition of *Internet Explorer 9 Award* 2011
- The **Minister of Science and Higher Education's scholarship** for achievements in science 2009, 2010
- The **laureate** in *Imagine Cup 2010* competition in a polish edition of "*Internet Explorer 8 Award*" 2010
- The **finalist (6th place)** in *Imagine Cup 2010* competition in national stage of "*Software design*" category 2010
- The **semifinalist** in *Imagine Cup 2010* competition in "*Embedded Development*" category 2010
- The participation in *Open Cracow Team Programming Challenge KrakOpen 09* 2009
- The participation in the 2nd round in *Imagine Cup* competition in *Software Design* category 2008, 2009, 2011
- The **1st place laureate** in *Security Days 0110* (6th edition) 2008
(category #2: "*Information security – conformity to PN-ISO/IEC 27001:2007 norm*")
- The **2nd place laureate** in *Security Days 0101* (5th edition) 2007
(category #2 "*Information security – conformity to PN-ISO/IEC 27001:2007 norm*")
- The **finalist** of the *All-Poland IT Competition of Faculty of Mathematics and Computer Science at Nicolaus Copernicus University in Toruń* 2007
- The **finalist** of the 3rd and 4th All-Poland IT Competition (<http://intersiec.pl>) 2006, 2007
- The **finalist** of the *First English Test* organized by *Polish Radio Bis* 2005

Courses

- *CodeRetreat* during *Tieto on Tour* event at Rzeszow University of Technology 2010
- *Microsoft Approved Course: Developing Microsoft .NET Applications for Windows (Visual C# .NET)* 2010

Selected projects

- **IEC 61131-3 languages graphic editors** (more information: <http://cpdev.kia.prz.edu.pl>) since 2010
Graphic editors for FBD (*Function Block Diagram*), LD (*Ladder Diagram*) and SFC (*Sequential Function Chart*) languages as modules of the integrated development environment CPDev (*Control Program Developer*) which is an engineering software for programming PLC/PAC controllers, SoftPLC and distributed control systems accordingly to the IEC 61131-3 standard.
Work on the project in the team in *Division of Informatics and Control* at Rzeszow University of Technology.
Technologies: C#, .NET Framework 2.0, Windows Forms, Microsoft Visual Studio 2010, XML.
- **IT Scientific Group "KOD" website** (<http://kod.prz.edu.pl>) 2010
Technologies: C#, .NET Framework 3.5, ASP.NET MVC 2.0, LINQ, SQL Server 2008 Express Edition, Microsoft Visual Studio 2010, XHTML, CSS, JavaScript, jQuery.
- **drive4nature** (more information: <http://jamro.biz/projekty-drive4nature.html>) 2010
A set of applications which work in real-time and help to choose the best alternative transport type (project created by *Sampi Design* team for *Imagine Cup 2010* competition)
Technologies: C#, Microsoft Visual Studio 2008 (and partly 2005) Professional Edition, self-created Web Service, XML, .NET Framework 3.5, ASP.NET 3.5, ASP.NET MVC 1.0, SQL Server 2008 Express Edition, LINQ, WPF, Silverlight, .NET Compact

Framework 3.5, Windows Mobile 6.5 Professional SDK, Microsoft Surface SDK, Bing Maps SDK, Microsoft Embedded CE 6.0 R3, XHTML, CSS, JavaScript.

- **Students practices IT system of the Faculty of Electrical and Computer Engineering at Rzeszow University of Technology** (more information: <http://jamro.biz/projekty-isospz.html>) **2009**
Technologies: C# language, Microsoft Visual Web Developer 2008 Express Edition, SQL Server 2008 Express Edition, self-created Web Service, XML, .NET Framework 3.5, ASP.NET MVC 1.0, LINQ, Windows Forms, XHTML, CSS, JavaScript, jQuery.
- **DidAid** (more information: <http://jamro.biz/projekty-didaid.html>) **2008**
An expanded didactic platform (project created by PRz Team for Imagine Cup 2009 competition)
Technologies: C# language, Microsoft Visual Studio 2008 Professional Edition, self-created Web Service, XML, .NET Framework 3.5, PHP language, SQL Server 2005 Express Edition, LINQ, Windows Forms, XHTML, CSS, JavaScript, .NET Compact Framework 3.5.
- Applications related to **discrete mathematics** (more information: <http://jamro.biz/projekty-matematyka-dyskretna.html>) **2008**
Technologies: C# language, .NET Framework 2.0, Microsoft Visual C# 2008 Express Edition, Windows Forms.
- **ecoNavigator** (more information: <http://jamro.biz/projekty-econavigator.html>) **2008**
A set of applications which help to choose the best alternative transport type (project created by PRz Team for Imagine Cup 2008 competition).
Technologies: C# language, Microsoft Visual Studio 2008 Professional Edition, .NET Framework 3.5, Windows Forms, ASP.NET 3.5, self-created WebService, XML, XHTML, CSS.

Interests

- **Computer science** – programming languages, embedded systems, databases, creating web applications and software for Microsoft Windows operating systems, information and web applications' security
- **Sport** – skiing, tennis



Windows Developer 3.5



.NET Framework 3.5, Windows Forms Applications
.NET Framework 3.5, ASP.NET Applications

Microsoft is a registered trademark of Microsoft Corporation in the United States and other countries.