

# Curriculum Vitae

NAME **Marcin Skoczylas**

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DATE AND PLACE OF BIRTH 22.02.1979 Kraśnik

NATIONALITY Polish



Education **/I.2006 – I.2008/**  
**PhD scholarship** INFN Laboratori Nazionali di Legnaro/Padova.  
Heavy ion research center, Italy, <http://www.lnl.infn.it>  
sponsored by Marie Curie Research Training Network CELLION.

**/X.2003 – X.2005/**  
**Movie and Television Academy (AFiT)**  
Extramural artist school, profile: movie director (<http://www.afit.edu.pl>)  
Result: very good

**/VII.2004 – IX.2004/**  
**/I.2004 – III.2004/**  
**/VIII.2003 – XI.2003/**  
**/II.2003 – IV.2003/**  
**/VIII.2002 – IX.2003/**  
**Scientific scholarship** GSI Gesellschaft für Schwerionenforschung  
mbH (heavy ion research center, Darmstadt, Germany,  
<http://www.gsi.de>) sponsored by European Research Training  
Network EuNITT

Additional visits in TSL The Svedberg Laboratory (nuclear  
physics institute, Uppsala, Sweden, <http://www.tsl.uu.se>)  
- **status: pre-doc student**

**/1998 – 2003/ Technical University – Computer Science**  
**Politechnika Białostocka – Wydział informatyki**  
Daily studies, profile: IT – software; finished on 25 June 2003; title: master's degree  
Result: very good

Active work in the Scientific Informatics Society in Białystok, <http://kwi.pb.bialystok.pl>  
I'm one of the founders.

**/2001 - 2002/ CCNA Cisco Networking Academy**

**/1994 – 1998/ Collegium Gostomianum:**  
**I Liceum Ogólnokształcące im. Aleksandra Patkowskiego**  
High school, profile: mathematics and physics. School has more than 400 years of tradition.  
(<http://www.lo1.sandomierz.pl>)

Schooling 2007: 18<sup>th</sup> International Conference on Pattern Recognition  
 2002, 2003, 2009, 2010: I was a judge in High-School/Students contest in Team Programming <http://zawody.pb.bialystok.pl>, I'm one of the contest founders  
 2001, 2002: Took part in (two times per each): ACM Central Europe Regional Contest, Academic Polish Championship in Team Programming  
 III 2000 - V 2003: participation in several Microsoft Developer Days conferences

Publications 2003: A system for irradiating polymer films with a preset number of ions, GSI Darmstadt  
 2005: "Krzyżtopór", history-documentary movie, screenings in polish national TV, TVP  
 2005: "Elektrolytische Bank", patent issued in Germany  
 2006: Automatic unstained cells recognition system for single-cell irradiations, San Francisco  
 2010: Wavelet-SVM classification and automatic recognition of unstained viable cells in phase-contrast microscopy. Radiat Prot. Dosimetry, Oxford Journals  
 2011: Unstained viable cell recognition in phase-contrast microscopy. Opto-Electronics Review, Springer

Technologies	Skill level
MacOS	<b>Excellent</b>
Linux	<b>Excellent</b>
Windows NT/2008/.NET	<b>Excellent</b>
Unix (Solaris, SCO)	Fine
Apache Web Server	Good
mySQL/MSSQL	Good
<b>Programming languages</b>	
Assembler (ARM, Intel)	Basic
Pascal	Good
ANSI C (gcc and others)	<b>Excellent</b>
C++	<b>Excellent</b>
VB/Delphi	Good
ObjC	Fine
Java	<b>Excellent</b>
PHP	Good
SQL/T-SQL	Good
Fortran	Basic
C#	<b>Excellent</b>
VHDL	Good
LabVIEW/G	Good
<b>Software</b>	
MS Visual Studio & .NET	<b>Excellent</b>
Xcode	<b>Excellent</b>
Eclipse	<b>Excellent</b>
MicrosoftOffice/OpenOffice	<b>Excellent</b>
Adobe Photoshop/GIMP	Good
Adobe Pagemaker	Good
Corel Draw	Good
Adobe Premiere	<b>Excellent</b>
Adobe After Effects	<b>Excellent</b>
Altera MAX+	Fine

### Computer networks

- Installation and configuration of LAN and WAN networks
- Ability to install and configure Cisco devices in LAN and WAN networks

### Programming skills

Well known ANSI C, C++, C#, Java, PHP, SQL, LabView 6i, 6.1, Matlab, HTML, XML, ObjC

Job experience /**II.2008 – hoc tempore/**  
**Białystok Technical University, Computer Science dept.**  
(Białystok, Poland, <http://wi.pb.edu.pl>)

- Science: unstained cells recognition to be irradiated with heavy ions (PhD in progress)
- Assistant Teacher

/**I.2006 – I.2008/**  
**INFN Laboratori Nazionali di Legnaro/Padova**  
(Legnaro, Italy, <http://www.lnl.infn.it>)

- Science: unstained cells recognition to be irradiated with heavy ions

/**XI.2004 – VI.2005/**  
**COMARCH S.A.**  
(Krakow, Poland, <http://www.COMARCH.com>)

- Programmer: IT online banking/stock market solutions; Java, RMI, Oracle, Borland C++

/**VII.2004 – IX.2004/**

/**I.2004 – III.2004/**

/**VIII.2003 – XI.2003/**

/**II.2003 – IV.2003/**

/**VIII.2002 – IX.2003/**

**GSI Gesellschaft für Schwerionenforschung mbH**

(Darmstadt, Germany, <http://www.GSI.de>)

- Programmer: applications for calculations in LabVIEW 6.1 environment
- Programmer: applications for electrochemistry and electronics in LabView 6.1
- Programmer/Electronics: devices for physics experiments in VHDL (Altera MAX+)
- Programmer: internet applications in LabView 6.1

Additional visits in TSL The Svedberg Laboratory for making experiments (nuclear physics institute, Uppsala, Sweden, <http://www.tsl.uu.se>)

/**2000-2001/**

**CONNECT** (Białystok, <http://www.csk.pl>)

- Programmer of some databases made in mySQL, connected via Apache Web Server and also programming in PHP scripting language (with own HTML layout).

/**1998-hoc tempore/**

**CYGNUS DIVISION MUD**

MultiUser Dungeon game engine programmer, game-server administration (free of charge hobby work, <http://cygnus.mud.pl>).

## Others **Languages**

- English – fluent (ICC certificate – 2001)
- Italian - studying
- German – basic
- Russian – poor (learning finished in 1994)

## **Driver's licence**

## **Hobbies**

- programming for mobile devices (iPhone, iPad, Androids)
- Making movies, active work in RABIDUS movie group (<http://www.RABIDUS.prv.pl>)
- MultiUser Dungeon game engine programming and server administration, <http://cygnus.mud.pl>
- Sports: skiing