

# CURRICULUM VITAE

## Personal Details

Maciej Rutecki

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## EDUCATION

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- 2005 – IX 2009      Technical University of Lodz,  
Ph.D. Student in Electronics,  
Four year, full-time course  
Topic of dissertation: „Use of Neural Networks for Design Local  
Wireless Geolocation System”.  
Create and development algorithm, that uses neural networks for *ad-hoc* networks.
- 2000 – 2005      Technical University of Lodz.  
M.Sc. degree in ”Telecommunications Systems”.  
Five year, full-time course.  
Studies graduated with excellent grade (first class honours).  
I get scholarship for learning achievements.
- 1995 – 2000      Technical School of Electronics  
in 10/18 Strykowska Street, Lodz  
A levels in Matematics (A), Physics (A), diploma of technics  
(excellent degree, distinction in the provincial contest of inventors).

## PROFFESIONAL EXPERIENCE

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- XI 2011 – current      IVONA Software Sp. z o.o., Aleja Zwycięstwa 96/98, 81-451  
Gdynia.  
Position: software developer
- Responsibilities:: development of Text-to-Speech applications for  
Linux and Windows operating systems.
- Creating software for speech synthesis in flash audio format audio  
with cue points , containing information about the generated words.
- X 2009 – X 2011      Radmor S.A, ul. Hutnicza 3 St., 81-212 Gdynia.  
Position: Developer and Software Tester, in the period from April  
2010 to January 2011 leader of the testers.
- Responsibilities: Design, develop, testing (both: verification and  
validation), create documentation (using MIL-STD-498 standards)  
networking software for SCA (Software Communication

Architecture) and SDR (Software Defined Radio) on POSIX systems (QNX and Linux).

Develop and establish procedures related to the software development for international projects. Temporarily assistant of configuration manager.

Created a from scratch the software testing department.

XII 2005 – IX 2009

Technical University of Lodz  
Position: Scientific and teaching assistant.

Responsibilities: Assistant in lab in digital signal processing, telecommunications networks, UML language, computer aided and software engineering (also in English). Cooperation with other universities, promotion of company.

1V 2008 – 10 VI 2008,  
1 VII 2008 – 31 VIII 2008

Technical University of Lodz, Institute of Electronics. (contract work)  
Position: IT administrator.

Responsibilities: Responsibility for servers in Institute, migration data to new servers, security audit. Recruitment of candidates to new administrator.

VII 2004

Toya Telekomunikacja,  
220 Piotrkowska Street, Lodz.  
One month training period as assistant.

Responsibilities: Repair and test telecommunications equipment, put into practice VoIP systems.

## **ADDITIONAL ACITIVITY**

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2006 – present

Working in GNU/Linux (kernel) project.

Perform functional, quality of code and performance test (quality assurance). Co-author „Linux Kernel Tester's Guide” book.

From 2010 cooperation with management list of regressions in the Linux kernel: collection, analysis, reporting, participation in correcting them.

1 X 2008 – 30 X 2009

Students government at Technical University of Lodz.

Participating in Council and Parliament of Ph.D. Students, responsibility for website.

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## COMPLETED COURSES AND TRAINING, CERTIFICATES

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Training in the protection of classified information      Participation in training in the protection of classified information in accordance with the Act of 5 August 2010 on the Protection of Classified Information (Official Journal No. 182, item 1228)

Security clearance, valid until 2021.06.26      A security certificate issued by the Military Counterintelligence Service, based on the plain of the screening, authorizing access to:  
- information classified as CONFIDENTIAL,  
- classified information North Atlantic Treaty Organization marked as CONFIDENTIAL,  
- EU classified information marked as CONFIDENTIAL.

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## SKILLS

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Language      Polish native,  
English (B1): spoken – good, written – fluent, technical vocabulary – fluent.

IT      Fluent:  
- languages: C/C++ (GCC, Microsoft Visual Studio), Bash, Matlab, Octave, UML,  
- version control systems: distributed (GIT), centralized (CVS, SVN),  
- systems: Linux (development and administration), MS Windows systems (development), QNX (development),  
- communications networks (ISO/OSI), OPNET environment,  
- testing (quality assurance) large applications,  
- knowledge of creating documentation for software in accordance with the standards of ISO and MIL-STD.

Good:  
- language: C#  
- CORBA (OmniORB, TAO, ORBExpress).

Basic:  
- language: Python,  
- databases: MSSQL, MySQL.

Additional      Driving licence (car)

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## INTERESTS

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Development Free Software such as Linux, electronics, telecommunications, astronomy, reading books (detective stories and historical), photography (nature, architecture, reportage).

*Wyrażam zgodę na przetwarzanie moich danych osobowych zawartych w ofercie pracy dla potrzeb rekrutacji, zgodnie z ustawą z dnia 29.08.1997 r. o ochronie danych osobowych. Dz. U. z 2002 r. nr 101, poz. 926 ze zm.*