

# Curriculum Vitae

## PERSONAL DETAILS

Name: Wawrzyniec Maksymilian Rzeźniak  
Nationality: Polish  
Date of birth: 15. 10. 1987  
Address: 22-400 Zamosc  
Contact: tel: 696473466, email: wawrzyniec.rzezniak@gmail.com



## EDUCATION

2012 - 2014 **Wroclaw University of Technology**  
**Faculty of Electronics and Telecommunication**  
**Master's degree, Teleinformatics (ICT) and Multimedia**  
2007 - 2012 **Wroclaw University of Technology, Faculty of Electronics and Telecommunication**  
**Engineer's degree, Acoustics**  
2007 - 2009 R.Bukowski Public School of Music 2st degree in Wroclaw.  
1997 - 2007 K.Szymanowski Music School 2st and 1nd degree in Zamosc  
2003 - 2006 J. Zamoyski Comprehensive Secondary School in Zamosc.

## EMPLOYMENT HISTORY

2015 **SOFTWARE TESTER / Single - RAN TESTER - Nokia Solutions and Networks,**  
Wroclaw Nokia Academy 5 Edition  
2014-now **WEB DESIGNER / WEBSITE ADMINISTRATOR** for Artist Natalia Pospieszalska:  
• [www.nataliopospieszalska.pl](http://www.nataliopospieszalska.pl)  
2013 **MOBILE APPLICATION DEVELOPER** - own projects  
2013 ELECTRICIAN, Oslo, Norwegia  
2013 PARTICIPANT OF SCIENTIFIC ASSOCIATION, Audio Engineering Society  
2012-2013 RECORD PRODUCER / SOUND ENGINEER:  
• Akademickie Radio Luz, Wroclaw  
• Katolickie Radio Zamosc, Zamosc (apprenticeship)  
2007 - now **CO-CREATOR OF FAMILY BUSINESS - GALERIA SZUR:**  
• building complete network consist of routers, printers, computers, access points, ets  
• checking traffic and security of the network

## PERSONAL DEVELOPMENT

Programming Mobile Applications for Android Handheld Systems, University of Maryland - Coursea.com  
HTML and CSS, Make an Interactive Website (JS / jQuery) - CodeCademy.com  
Engineer and Master's degree of Electronics and Telecommunication  
CCENT, CCNA Routing and Switching, CCNA Security (last without a certificate)  
Driver's license 'B'

## SKILLS

- ENGLISH (B2 level) – fluent, GERMAN (A1 level) – basic, POLISH – native, Russian – basic
- **Java SE / EE, C, C++**
- **GSM / EDGE, WCDMA, HSDPA / HSUPA, LTE / LTE-Advanced**
- HTML, CSS, UNIX, MATLAB
- NetBeans, Eclipse ADT, Android Studio, Builder C++, Visual Studio, Git / GitHub
- PSpice, Packet Tracer, Wireshark, Adobe Photoshop, Adobe Dreamweaver, AutoCAD

## INTERESTS

Modern History, Playing the Piano, Drums, Table Tennis, Drawing and Painting, Salsa Dancing

## SOFTWARE DEVELOPER / TESTER SKILLS

### Knowledge of:

- Java SE, Java EE
- good theoretical knowledge of SW / HW testing
- Linux / UNIX, Windows
- TCP / IP

### Athers:

- MATLAB, Praat Framework
- HTML, CSS3
- Git / GitHub
- Unified Modeling Language (UML)

### Basic knowledge:

- Design patterns
- Robot Framework
- Android Platform
- Structured Query Language (SQL), (started to learn)
- C / C++

## TELECOMMUNICATION COMPETENCIES

### PROJECTS:

- simulation elements of the telecommunications system in MATLAB:
  - transmitter (burst transmission, QPSK), transmission medium (with ISI, AWGN), receiver (adaptive equalisation DFE)
- tube amplifier project and simulation (AB1 class, ultralinear push-pull, front-and) in PSpice
- design and simulation of wired and wireless network (Packet Tracer)
- automatic speech recognition based on speech contains emotions (own scripts in Praat framework)

### Knowledge of:

- TDMA, FDMA, WCDMA, OFDMA, SC-FDMA,
- architecture and system elements and interfaces (2G, 3G, 4G), MIMO, Carrier Aggregation, Handovers, Quality of Service in LTE
- modulation (e.g. PSK, QAM, OFDM) and quantization telecommunications signals
- biometrics (recognition of voice)
- subjective and objective methods for assessing the quality of voice signals
- basic knowledge of lossy compression (e.g. ADM, ADPCM, LPC, MPEG)

## FRONT END WEB DEVELOPER / WEB DESIGNER SKILLS

- build a website using HTML, CSS (from scratch)
- building a website based on CMS system
- work with BOOTSTRAP and others frameworks
- work with CMS systems like WORDPRESS and others
- use Google Analytics
- Photoshop, Dreamweaver, Corel, Total Commander