

Edyta Zugaj

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OBJECTIVE Seeking a position to enhance my skills and abilities in the IT, the most desired technologies are C/C++, embedded applications, telecom, audio/video processing. I would be happy to try other languages like Swift, ObjC, Java, JavaScript. I have positive attitude to work in international environment.

EDUCATION *M.Sc.*, Control Engineering and Robotics, minor: robotics
Wroclaw University of Technology, Faculty of Electronics 2005 - 2010

B.Sc., Mathematics, specialization: theoretical mathematics
Wroclaw University, Mathematics and Computer Science Department, 2008 - 2010

B.Sc., Computer Science and Econometrics
University of Computer Science and Economics in Olsztyn, 2002 - 2005

EXPERIENCE *Senior Software Engineer* March 2016 - now
Dolby Poland Sp. z o.o., Wroclaw, Poland

- Development and maintenance of iOS SDK for dolby.io communication API.
- Porting audio conference client library to WebAssembly, which was then integrated to Web SDK for dolby.io communication API.
- Development of cross-platform audio conference client library.
- Maintenance of cross-platform cross-architecture intrinsic library.
- Porting audio processing libraries written in C/C++ to following platforms: Qualcomm QDSP6, ARM7/8, Xtensa LXn DSP and for operating systems: Android and iOS.

Software Engineer April 2011 - March 2016
Nokia Sp. z o.o., Wroclaw, Poland

- Development and maintenance of eNB LTE PHY (uplink) on TI C6000 processors family. This layer is responsible for decoding user data that a base station receives from a mobile phone. Porting Matlab model to C/C++.
- Porting eNB LTE PHY (uplink) to the new TI DSP processor.

Esotel Poland Sp. z o.o., Wroclaw, Poland

- Development and maintenance of C/ASM drivers for peripherals of TI C6000 processors for eNB base-band modules.

Junior Software Engineer August 2010 - March 2011
Red Sky Sp. z o.o., Wroclaw, Poland

- Development of C++ library for distributed file system.

SKILLS Currently working with Swift, ObjC, C++; hands on experience with: WebAssembly, JavaScript, ASM for QDSP, ASM for ARMv7/8, ASM for Tensilica LX, ASM for TI C6000, Matlab.