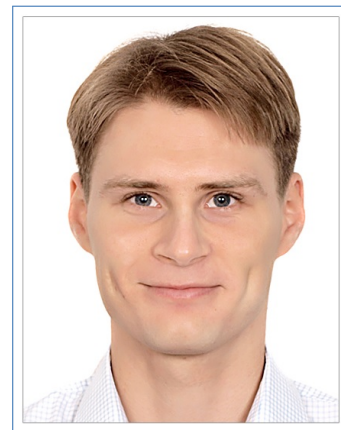


# Bereziuk Ivan

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✉ [Navi.Bereziuk@gmail.com](mailto:Navi.Bereziuk@gmail.com)  
Birth date: 07 Jul 1992  
Citizenship: Ukraine



## Education

- 2013-2015 **Master of Physics**, *Taras Shevchenko National University of Kyiv*, Ukraine.  
Thesis title: *Initial design studies of a drift tube detector for SHiP experiment, CERN.*  
Supervisor: Dr. Massimiliano Ferro-Luzzi, [massimiliano.ferro-luzzi@cern.ch](mailto:massimiliano.ferro-luzzi@cern.ch)  
Have been studied and simulated the behaviour of long STRAW tubes for SHiP experiment.  
The project was developed at CERN.
- 2009-2013 **Bachelor of Physics**, *Taras Shevchenko National University of Kyiv*, Ukraine.  
Thesis title: *Position sensitive Si microstrip detector for X-ray analysis*  
Supervisor: Prof. Dr. Valery Pugatch, [pugatch@kinr.kiev.ua](mailto:pugatch@kinr.kiev.ua)  
Have been made the restore work and reverse engineering for Si-strip sensor-based detector equipment (ASIC + FPGA based DAQ) and further developing of the prototype.

## Work & Practical Experience

- Oct 2015 - **Intern**, SAMSUNG RESEARCH AND DEVELOPMENT INSTITUTE UKRAINE, Kyiv.  
Dec 2015
  - Mobile application development under TIZEN OS (**C/C++** programming)
  - Certification training and implementation of Git, TDD, Agile Software Development process in practice.
  - Working with computer vision library (OpenCV)
- July 2014 - **Intern**, EPFL, Lausanne, Switzerland.  
Jan 2015
  - Developing, documenting and maintenance of a C++ library responsible for parsing and analysing of  $\text{\LaTeX}$ -articles source code.
  - Project placed here: [github.com/Domest0s/texpp](https://github.com/Domest0s/texpp)
- Nov 2013 - **iOS mobile developer**, SAPRUN, Kyiv, Ukraine.  
Feb 2014
  - Development of business oriented mobile(iOS) application (Objective-C).
- July 2011 - **Intern at "DESY Summer Student Programme"**, Zeuthen, Germany.  
Sept 2011
  - Photon penetrating target modelling and destructive analysis using ANSYS software.

## Personal skills

Languages English (professional working proficiency)  
Ukrainian (mother tongue)  
Russian (fluent)

## Technology summary

OS Ubuntu, Windows, Mac OS X

Programming C/C++ (advanced)  
languages  $\text{\LaTeX}$ , ActionScript 3.0, ROOT, Mathematica, MATLAB (good)  
Objective-C, Verilog, FORTRAN, SQL, Python, Pascal (basic)

Additional Git, CMake, bash, LabVIEW, PhotoShop  
skills

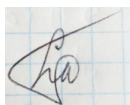
target TIZEN OS mobile, Arduino, FPGA(Altera, Xilinx), STM32, ATmega8  
programming

Digital competence	Information processing	Communication	Content creation	Safety	Problem solving
	Proficient user	Proficient user	Basic user	Independent user	Independent user

## Interests

technical Microcontrollers-, FPGA-programming, programmable technique,  
DirectX/openGL/Vulcan, high performance computing (OpenCL)

Hobbies Basketball, Guitar



Munich, January 24, 2016