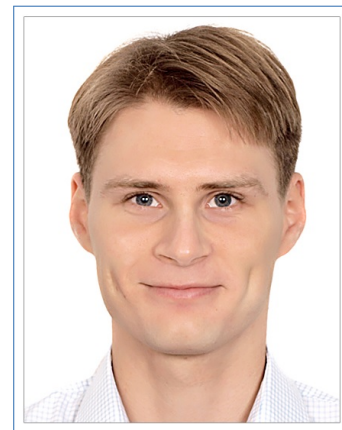


Bereziuk Ivan

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Birth date: 07 Jul 1992
GitHub: github.com/Domest0s
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
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
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

- May 2016 - **Software-engineer**, CREALOG, Munich, Germany.
- Oct 2016
 - Developed a JavaScript library as a part of a web application where user constructs a flowchart. This is a highly interactive and easy-to-use application with intuitive interface (based on Drag&Drop gestures).
- Oct 2015 - **Intern**, SAMSUNG R&D INSTITUTE UKRAINE, Kyiv.
- Dec 2015
 - Developed mobile application under TIZEN OS (C/C++ programming). The mobile application is for sensitive data storing (information such as passwords, logins etc). To login to the app, it uses facial recognition which can be set up using a "selfie". The app is now on the market.
 - Had an experience of using computer vision library OpenCV.
 - Used Git, TDD, Agile Software Development process.
- July 2014 - **Intern**, EPFL, Lausanne, Switzerland.
- Jan 2015
 - Developing, documenting and maintenance of a C++ library responsible for parsing and analyzing of \LaTeX -article's source code.
 - Project placed here: github.com/Domest0s/texpp
- Nov 2013 - **iOS mobile developer**, SAPRUN, Kyiv, Ukraine.
- Feb 2014
 - Development of business oriented mobile(iOS) application (Objective-C).
- July 2012 - **Intern at "DESY Summer Student Programme"**, Zeuthen, Germany.
- Sept 2012
 - Used ANSYS software for destructive analysis and modeling of photon penetrating target - source of positrons at International Linear Collider.

Personal skills

Languages English (professional working proficiency)
German (basic (A2.1))
Ukrainian (mother tongue)
Russian (fluent)

Technology summary

OS Ubuntu, Windows, Mac OS X

Programming languages advanced: C/C++11 + (STL & boost), JavaScript
good: \LaTeX , ActionScript 3.0, ROOT, Mathematica, MATLAB
basic: Objective-C, Java, Verilog, FORTRAN, SQL, QML, Python, Pascal

Additional skills Git, CMake, bash, HTML, CSS, SVG, XML, ExtJS, Doxygen, LabVIEW, PhotoShop

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

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

Interests

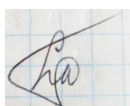
technical system programming, OpenCL, multithreading, high performance computing, 3D API (DirectX/openGL/Vulkan), Microcontrollers & FPGA-programming, programmable technique

Hobbies Basketball, Guitar

References

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LinkedIn profile: <https://www.linkedin.com/in/oleg-kopysov-a2a50371>



Leiden, January 13, 2017