

# IGOR PAPRZYCKI



## PHONE

+48 504 781 817

## EMAIL

igypap@gmail.com

## GITHUB

## ADDRESS

Jana Kazimierza 11B/91  
01-248 Warszawa  
POLAND

## Summary

Ambitious, highly skilled professional with four years of experience in aviation industry as process automation engineer. Possess strong software skills in Java, C++, LabVIEW & PLC. Have a depth analytical and problem-solving skills combined with passion and commitment to software engineering.

## Technical skills

### JAVA 8 KNOWLEDGE

- OOP
- Design Patterns (DAO, MVC)
- Interfaces
- Collections
- Polymorphism
- Enums

### BASIC KNOWLEDGE

- SpringBoot, Thymeleaf
- SQLite, MSSQL, SQLServer, Hibernate
- JUnit
- HTML, CSS, Bootstrap, jQuery
- Android (XML, ButterKnife, Activity Lifecycle)

## DEV TOOLS

- IntelliJ IDEA
- GIT
- Maven, Gradle
- Android Studio

## Projects

### TODO List

Android app for managing tasks, with menu, ORMLite database, RecyclerView and notifications. It works in vertical and horizontal position.

### Quiz

Quiz application for Android - display questions, 3 answers and show the results at the end. It works in vertical and horizontal position.

### Pocket

Android Pocket app for storing website links and telephone contacts. It allows to open website in a browser, send sms or call. It works in vertical and horizontal position.

### Kwejk

SpringBoot & Thymeleaf web application to share gifs. Hibernate and MySQL technologies used to store gif data.

## Courses

### JAVA Bootcamp

OCTOBER 2016 - MARCH 2017

AkademiaKodu.pl

Java BootCamp programming course for Android and Spring web application development.

## Experience

### **Goldman Sachs** JUNE 2017 - present

Junior JAVA Developer

Software development for banking and financial industry.

Technologies: JAVA 8, Spring, JMS, IntelliJ, Gradle, SVN

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### **Freelancer** APRIL 2016 - OCTOBER 2016

C++/QT Developer

The project deliverable was to develop GUI application providing MODBUS communication with industrial PLC controller & Ethernet IDS camera.

Application main tasks: calibration parameters settings, data acquisition, image capture, data analysis & report generation.

Technologies used: Qt Framework, MODBUS TCP/IP, multithreading, OpenCV library, STL containers.

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### **Institute of Aviation** JANUARY 2013 - MAY 2017

ENGINEER

Aviation engines Fan Blade Out facility design and commissioning. The Warsaw Institute of Aviation center can now boast of having the world's largest vacuum chamber. Designed for Fan Blade detachment tests in largest turbine engines. It is 12 meters long, it has 5.5 meters in internal diameter and weighs 177 tons.

My responsibilities: Data Acquisition, sensor instrumentation & HMI systems design and commissioning. Works mainly with National Instruments hardware and LabVIEW software.

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## Education

### **Kielce University of Technology** 2011 - 2012

MASTER OF SCIENCE (M. Sc.), Electrical Engineering

Graduation in 5% of the best University students.

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### **Kielce University of Technology** 2007 - 2011

FIRST DEGREE ENGINEER, Electrical Engineering

