

I am software developer with focus on iOS and Computer Vision. I love new technologies, beautiful design, traveling and personal development.

## Education

### **Poznań University of Technology**

Master's Degree, Computer Science  
Area of specialization: Intelligent Decision Support Systems  
Master's thesis - „Automatic stitching of OCT retinal images”  
2014 - 2015 (current)

### **Poznań University of Technology**

Bachelor's Degree, Robotics and Control Engineering  
Bachelor's thesis - „Robot Operating System interface for walking robot (team project)”  
Final GPA of Bachelor's Degree - 4.61  
2010 - 2014

### **Student Exchange**

**Tallinn University of Technology** in Estonia, Tallinn  
MSc, Computer Science  
Spring semester 2015  
**Universidad Politécnica de Cartagena** in Spain, Cartagena  
BSc, Robotics and Control Engineering  
Fall semester 2012/2013

## Employment

### **Westinghouse Electric Company**

Engineering Internship  
Prepared analysis of circuit board that collects and processes currents from sensors measuring neutron flux inside nuclear reactor.  
Windsor Locks - USA, 06.2014 - 10.2014

### **Business Reporting Advisory Group**

iOS Developer  
Developed application that digitizes text from shop receipt based on its photo.  
Technologies - Objective-C, C++ , iOS SDK, OpenCV, Tesseract OCR  
Poznań - Poland, 10.2013 - 04.2014

### **Samsung R&D Center**

Software Development Internship  
Developed application as a plugin to Chrome browser that enables user to apply multiple filters on a provided input image and then, to download result.  
Technologies - C++, C, PPAPI  
Poznań - Poland, 03.2013 - 05.2013

## Private projects that I am proud of

### **Recent**

Right now I am working on my **master's thesis** which is part of a bigger project financed by the National Centre for Research and Development. First report of my work is available [here](#) (in Polish).

During student exchange in Tallinn I participated in a [hackathon](#) organized by Skype where I developed **iOS application** that shows menu of university cafeterias. App source code is available [here](#).

### **Other**

I was marketing team manager of **Cyberbot Robotics Festival** which is an annual event of Poznań University of Technology. I was responsible for coordinating work of team (3 people) and creating marketing campaign strategy. Moreover for 2012 edition of this festival I developed a promotional mobile application in Lua that was successfully published on **Google Play**.

I built **Line Follower** robot for Cyberbot Robotics Festival in two-member team. I was responsible for hardware and software. Movie with robot in action is available [here](#).

## Software development

### **What I like to use in iOS development**

Version control - Git  
IDE - Xcode (main development), Sublime Text (for everything else)  
Third party libraries (Objective-C) - AFNetworking, Masonry, Mantle, Kiwi, MagicalRecord  
Debugging - Charles, Reveal  
Design - Sketch  
Backend - Parse  
Practices - Based on [this](#) guide

### **Languages**

In which I have relatively long experience - C++, C, Objective-C  
In which I have relatively short experience - Swift, Ruby, Python, Java, JavaScript, Lua, HTML, CSS, Matlab