Aleksander Grzyb

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Currently I am Computer Science student, with passion to Computer Vision and iOS. In my free time I am working on projects with startup attitude. Moreover I love new ideas, new technologies, beautiful interfaces, travelling and personal development.

Education

Poznań University of Technology
Master's Degree, Computer Science
Area of specialization: Intelligent Support Systems
2014 - 2015

Poznań University of Technology
Bachelor's Degree, Robotics and Control Engineering
Bachelor thesis „Robot Operating System interface for walking robot (team project)" completed with mark 5.0
Final GPA of Bachelor's Degree 4.61
(scale from 2.0 to 5.0)
2010 - 2014

Universidad Politécnica de Cartagena
Bachelor's Degree, Robotics and Control Engineering
Erasmus student exchange in Spain, Cartagena
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

Projects beside work that I am proud of

University
As a final project of **Artificial Intelligence** course I developed program in Java that learned (Reinforcement Learning) how to play Othello game.

During student exchange I had opportunity to work on project **„Development of an electronic device using pluviometer and modbus communication"**. Our work was presented in the „17th International Congress on Project Management and Engineering" in Logroño (La Rioja, Spain).

On the side
I was marketing team manager of **Cyberbot Robotics Festival** which is 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 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. Robot in action - link.

Computer languages

In which I have relatively long experience
C++, C, Objective-C, Matlab

In which I have relatively short experience
Python, Java, JavaScript, Lua, Swift, HTML, CSS

Certificates

AutoCAD-1 Level - Link
Autodesk Authorized Training Center

Circuits and Electronics - Link
edX