

My name is **Aleksander Grzyb**. I am a software engineer based in Poznań, Poland. Currently I am working at [Allegro](#) on [Allegro iOS application](#) and at [Optopol](#) on [image processing software](#).

## WORK EXPERIENCE

- [Allegro \(Poznań, Poland\)](#) as Senior iOS Engineer from September 2015 (current) with 10 months break from December 2016 until September 2017

Summary: iOS engineer building [Allegro iOS application](#) in a team of around 25 iOS engineers. The app has more than 750k active users monthly. Since December 2018 I am responsible for leading Core Team which goal is to deliver solutions that increase iOS engineers productivity. My recent most noticeable contribution to the project was reorganizing our infrastructure from multiple repositories into monorepo.

Tech: Swift, Mobile DevOps, Objective-C, Ruby

Teamwork: Scrum, JIRA, Stash

- [Optopol \(remote\)](#) as Senior Software Engineer from April 2017 (current), part time position

Summary: Computer vision engineer implementing algorithms to improve retinal OCT imaging quality. In the most recent project I designed and implemented a library that automatically removes artifacts (for example blinking of the patient during examination) from en face OCT retinal images.

Tech: C++, OpenCV

- [Clio \(Vancouver, Canada\)](#) as iOS Engineer from January 2017 to September 2017

Summary: iOS engineer building [Clio iOS application](#) in a team of 3 iOS engineers. Through this time my most noticeable contribution to the project was designing and implementing routing mechanism through the app.

Tech: Swift, Objective-C

Teamwork: Scrum, JIRA, GitHub

## SPEAKING

- [Monorepo at Allegro \(in Polish\)](#) given at [Allegro Tech Talks](#) (Poznań, September 2018).
- [Layers of testing in iOS applications](#) given at [AppDevCon](#) (Amsterdam, March 2018), [Mobius](#) (St. Petersburg, April 2018), and [iOSDevUK](#) (Aberystwyth, September 2018).

## SIDE PROJECTS I AM PROUD OF

- [Bimba iOS application](#)

In April 2016 I released Bimba iOS application which is showing real time departures of trams and buses in my home city, Poznań. Since launch I have constant growth of active users. Now it is over 2k active users monthly.

Tech: Swift

- [CandyRent](#)

In October 2016 with three friends of mine I launched a startup called CandyRent which was a place where you could book winter equipment online in Poland. In 2017 we won [New Tech New Travel](#) contest for the best travel startup in Poland. Due to other commitments we decided to put project on hold.

Tech: Ruby, Ruby on Rails

## EDUCATION

- [Poznań University of Technology \(Poznań, Poland\)](#) – from February 2014 to October 2015  
*Major:* Master of Science in Computer Science (Intelligent Decision Support Systems specialization).  
*Thesis:* "Spatial coregistration algorithms for angiographic imaging with optical coherence tomography."
- [Poznań University of Technology \(Poznań, Poland\)](#) – from October 2010 to February 2014  
*Major:* Bachelor of Science in Robotics and Control Engineering.  
*Thesis:* "Robot Operating System interface for walking robot (team project)."
- [Tallinn University of Technology \(Tallinn, Estonia\)](#) – exchange student in spring semester of 2014/2015  
*Major:* Computer Science.
- [Universidad Politécnica de Cartagena \(Cartagena, Spain\)](#) – exchange student in fall semester of 2012/2013  
*Major:* Robotics and Control Engineering.