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Hello! 👋 My name is **Aleksander Grzyb**. I am a software engineer based in Vancouver, Canada. Currently I am working at Clio on Clio iOS application. In my free time I am exploring computer vision, working on my own Bimba iOS application, and CandyRent startup I co-funded with my friends.

WORK EXPERIENCE

- **Clio (Vancouver, Canada)** — from January 2017 (current)

  Summary: iOS engineer building Clio iOS application.

  - Implemented analytics tracking mechanism.

  Tech: Objective-C, Swift   *Teamwork:* Scrum, JIRA, GitHub

- **Allegro (Poznań, Poland)** — from September 2015 to November 2016

  Summary: iOS engineer building Allegro iOS application. App is in top 30 free apps in Poland and has over 400k monthly active users.

  - Designed and significantly refactored error handling and authorization mechanism in networking module.
  - Automated deployment to iTC and releasing of ours internal modules by implementing Ruby gem.
  - Implemented offer description UI.
  - Designed and implemented remote notification mechanism and social invites functionality.
  - Mentored BrainCode and Startup Weekend mobile hackathons.

  Tech: Objective-C, Swift, Ruby, CI (Bamboo)   *Teamwork:* Scrum, JIRA, Stash

- **Business Reporting Advisory Group (Poznań, Poland)** — from October 2013 to April 2014

  Summary: iOS/Computer vision engineer implementing image processing algorithm in iOS application.

  - Implemented image processing algorithm in iOS application that was automatically extracting text from shop receipt photo using Tesseract OCR and image preprocessing/postprocessing techniques.

  Tech: C++, Objective-C, OpenCV, Tesseract   *Teamwork:* Scrum, JIRA

RECENT SIDE PROJECTS

- CandyRent

  In October 2016 with three friends of mine I launched a startup called CandyRent which is a place where you can book winter equipment online in Poland.

  Tech: Ruby on Rails

- 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 1.6k users monthly.

  Tech: Swift

- Mostitch

  Mostitch is a program that automatically stitches set of retinal angiography eye images using OpenCV. The program was a part of my master's thesis which I defended in October 2015. My work in form of a paper is available here (in Polish).

  Tech: C++, OpenCV

EDUCATION

- <u>Poznań University of Technology (Poznań, Poland)</u> — 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."

- <u>Poznań University of Technology (Poznań, Poland)</u> — 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)."

- <u>Tallinn University of Technology</u> — student exchange program in spring semester of 2014/2015
  Major: Computer Science.

- <u>Universidad Politécnica de Cartagena</u> — student exchange program in fall semester of 2012/2013
  Major: Robotics and Control Engineering.