

**Sasha Lopoukhine**  
[sasha@lopoukhine.com](mailto:sasha@lopoukhine.com)  
[www.github.com/superlopuh](http://www.github.com/superlopuh)  
[www.medium.com/@superlopuh](http://www.medium.com/@superlopuh)

## Employment History

### **iOS Engineer, Snips – Paris, France**

**January 2015 to September 2017**

- Keyboard extension
  - Developed software keyboard that allowed access to contact, calendar and email data.
  - Developed autocorrection and autocompletion mechanisms and UI.
- Day, a personal digital assistant
  - Designed and developed graphs of movement patterns to display in the app.
- SnipsAI, a voice based personal digital assistant
  - Extended and optimised a Swift implementation of CKY parsing for queries similar to Siri.
  - Designed a mechanism that handled missing data in a query.
- Snips Platform - Labs
  - Developed prototypes of voice controlled devices:
    - Voice controlled speaker (using spotify and mopidy)
    - Voice controlled coffee machine (based on Smarter Coffee machine)
- Developed app and protocol for sending large files over BTLE from iPhone to Raspberry Pi.

### **Cofounder, Blue Tatami ltd – Cambridge, UK**

**2014 to present**

- Dodeka – a 12 hour interface for your calendar
  - Developed an iOS application for displaying calendar events on a 12-hour watch face.
  - A number of custom display elements implemented in CoreGraphics.

### **iOS Engineering Intern, Dream Industries – Moscow, Russia**

**August 2014**

- Bookmate, a subscription based eBook service
  - Extended ebook reader interface and developed today extension for book recommendations.

### **Summer Intern at Dream Industries – Moscow, Russia**

**July & August 2013**

- Implemented an on-boarding music recommendation engine based on records from previous music streaming services.
- Wrote a function estimating time left to read in a book based on user's reading speed.

## Education

### **University of Cambridge – BA in Computer Science - II.i**

**2012 - 2015**

Received the Bob Diamond prize for Computer Science.

### **Winchester College**

**2007 - 2012**

## Charity

### **Devenish House – Winchester, UK**

**2010-2012**

- Weekly visits to local retirement home to spend time with the residents and help the staff.

## Skills

- Fluent **English, Russian** and **French**.
- Fluent **Swift, Python**.
- Proficient in **Kotlin, Objective-C, OCaml, Java, Javascript, ML, Prolog**.