

Karpenko Denis

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Experience

Participant of Google Summer of Code

May 2016 – September 2016

- I have written a Transport Layer Security library for [KolibriOS](#) in pure flat assembler
- I've successfully finished the program
- Description of the project: <https://github.com/Bandd-k/TLS-Library>

Chief Technology Officer at Express Food (Startup)

May 2015 – November 2015

- I am one of two startup founders
- I have written a product parser using Python and automatically got from shop websites about 5000 products with their images, descriptions, weights and so on
- I have fully developed an iOS application and backend for the service
- Links: <https://itunes.apple.com/ru/app/express-food/id997335666?mt=8> (iOS 7), <http://expfood.ru/>

Academic assistant at Algorithms and Data structures course at HSE

September 2015-January 2016

- I was offered the competitive position for only the top programming students
- I helped lecturer to prepare tasks and I consulted students

Contributor at Open-Source project Aerogear by Jboss

May 2015- June 2015

- I worked on Oauth2 module
- I made a test application for Push module

Education

Master's IT/Space technologies at Skoltech

September 2016- Present

- I have passed 6 challenges and 2 interviews and was successfully enrolled in the university

Bachelor's Computer Science at Higher School of Economics

September 2012- June 2016

- I have achieved a reference letter from the Deputy Head of the faculty for perfect results in Algorithms and Data structures course
- I got excellent grades in programming related courses such as the theory of databases, fundamentals of programming, programming languages, artificial intelligence and so on.

Mobile developer summer school by Empatika and IBM

July 2015

- I was one of the top 15 applicants from CIS countries
- I have successfully finished it and developed an application which based on iBeacon technology and I was a prize-winner of Mobile Hackathon at the end of the school

Skills

iOS app development

- My last development is 'ShakY app' , App Link: <https://itunes.apple.com/app/id1086811070?mt=8>
- Application has more than 500 downloads
- Website <http://shakyapp.ru/>, self-made Promo video <https://www.youtube.com/watch?v=5YVLT0jxbul>

Programming skills

- I am familiar with a lot of programming languages, but my main tools are Python, C++ and Swift
- I have participated in different hackathons (IBM, Yandex, Skolkovo...)
- I am a Prize-Winner of Russia programming cup and Semifinalist of World programming cup ACM ICPC
- I am a Prize-Winner of student Universiade 2016 by Higher School of Economics in Software Engineering discipline.