

Aleksey Bykhun

Moscow, Russia

+7 910 439 19 63

aleksey.bykhun@phystech.edu

github.com/cafeinum

bykhun.com

Profile

Gram Up! founder, CTO at Swap.online, TV host at phystech.tv

Experience

CTO, Swap.online – Apr 2018-May 2019

CTO, R&D. First in the world conducted a ETH-USDT atomic swap. Extended SWAP Protocol to support partial fulfilment orders. Fixed few critical bugs in the exchange logic. Made a market-maker bot. Bootstrapped [Swap.online](https://swap.online) iOS wallet. Held a live-stream lecture on Atomic Swaps – 30'000 views.

(Part-time) Founder of Morejust – 2017-Present

[Gram Up!](https://gramup.ru) – Chrome extension for Instagram automation using private API. 5000+ installs, up to 200 DAU. Zero-cost business. Non-zero revenue: \$150 monthly in donations.

[Morejust.media](https://morejust.media) – highlights manipulation and bias in text. Was selected into Winno Moscow acceleration program.

[Neural cat](https://neuralcat.com) – CC-BY photos from Flickr, caption generation via Google Translate API, all activity automated. 2500 followers, no manual content at all. Meow.

Other projects using: Lightning Network, NodeJS, VueJS, Nginx, RTMP, Chrome extensions etc. <https://github.com/morejust>

Infowatch (Internship Junior Frontend at Cybersec) – August 2017-January 2018

<https://infowatch.ru>. Refactoring legacy Marionette+Backbone code to Angular 2.0

Manager at MIPT Online-school Videostudio – November 2016-August 2017

Optimised a video-processing pipeline: we filmed and edited 2-3 lectures per day.

Managed a part-time team of 5 people. Run a 24-hour live-stream of a soccer match.

Run a Non-profit Coffeeshop at campus – 2015-2018

Managed a team of 15 people. Grew an audience 5 times, up to 100 visitors per evening.

Grew a turnover to 100k RUB per month, coffeeshop was open 4 hours in the evenings.

Fullstack Javascript at [Lectoriy.ru](https://lectoriy.ru) – May 2014-October 2015

Significantly improved video player functionality to students' requests. Set up a private NodeJS video hosting.

Education

MIPT, Moscow, Russia – Masters, 2018

Thesis on the Atomic Swap cross-blockchain Exchange Protocol

Hobby/Achievements

VR/AR: 3 small open-source side projects for iOS. Public speaking: Hosted several annual MIPT live streams, 2k viewers online, 150k total. Video: Set up a Phystech.tv: 24/7 channel with local student videos, live-streams and event reports. Directed 3 short films.

Reported at MIPT annual 56th conference. Maths, physics, programming, web-design olympiad winner – Silver in Kiev, physics – 7th in 2011 at Ukrainian Physics Olympiad.