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# IGOR YALOVOY

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[YLV.IO](http://YLV.IO)

## EMPLOYMENT

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**CTO & Co-Founder** [apercoin.com](http://apercoin.com) Jan 2017 – Present (2y 1m)

- Picked technology stack, designed architecture and implemented **90% of MVP**.
- Translated business requirements into technical specifications with realistic deadlines.
- Designed and implemented bespoke solutions for Bitcoin Wallet, Escrow Service, 2fa TOPT, Telegram bot, and real-time chat.
- Promoted project at tech events – Consensus 2018, Crypto Expo 2018 Moscow.
- Setup infrastructure and reduced costs **50%** compare to AWS by running custom CI/CD on Digital Ocean.

**Lead Developer** **Ace Bespoke Solutions** Oct 2011 - Dec 2016 (5y 3m)

- Led development of multimedia karaoke product family from requirements to production. Developed system is installed at entertainments venues in Spain and UK operating using a subscription business model.
- Proposed and implemented Lyrics Recognition Tool lead to saving **100 000 GBP** per year for the company on the karaoke content contract.
- Implemented and integrated bitcoins payment system for e-commerce product, allowing customers to pay with bitcoins for products. Six months later **40%** of payments were done using bitcoins.
- Hired and managed outsource developers saving company around **50%** on salaries compare to local rates.

**Senior Developer** **AVX Technologies** May 2010 - Oct 2011 (1y 6m)

- Implemented multi-module architecture for AVX box system resulting in fast switching between different modules in the same WPF application.
- Developed **WPF** controls library/theme for AVX box system, which was reused by all apps within the system, thus saving time and enforcing the same look and feel across entire applications.
- Managed tasks for other developers, interacted with QA team and CTO, drafted specifications.

**Developer** **Robust Haven Inc.** Oct 2009 - May 2010 (8m)

- Developed custom **Silverlight** components for main company product.
- Integrated new and existing Silverlight component into products.

**Junior Developer** **Digital Spectrum** Jan 2006 - Oct 2009 (3y 10m)

- Written unit and integrations tests for company products, resulting in better product quality and less QA cycles.
- Optimized performance of existing products improving cold and hot load time, search speed.

## EDUCATION

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**Rostov-on-Don, Russia** **Southern Federal University** Sep 2003 - Jun 2009

- Master of Applied Science with Honors, Southern Federal University, 2007-2009
- Bachelor of Applied Science with Honors, Southern Federal University, 2003-2007

## TECHNICAL EXPERIENCE

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### Projects

- [Apercoin](#) (2017-2019). Peer-to-peer crypto market place is written on python/django. It features bespoke bitcoin wallet, escrow system, 2fa TOPT, telegram bot, and real-time chat. Tech stack: Postgres, Python/Django, Bootstrap, jQuery, Celery, Ubuntu, DigitalOcean, [sentry.io](#), Mailgun.
- [Coinpledge](#) (2018). Coinpledge a is personal productivity tool written on React.js/Solidity. Tech stack: React.js, Web3.js, Solidity, Bulma.
- **Bitcoin e-commerce** (2016-2017). E-commerce website is written on [asp.net](#) mvc 5 with focus on accepting payment in bitcoins without using any third party integrations. Tech stack: [aps.net](#) mvc, ef, jQuery, azure, ninject, automapper, markdown, bootstrap, MS SQL.
- **Karaoke System** (2011 – 2015). Multimedia entertainment system for venues featuring karaoke and quiz. Written in C# on windows utilizing DirectX and DirectShow. Utility software for the system written on WPF. The latest version using Unity3d game engine for rendering.
- **Lyrics Recognition Utility** (2012). Written in C# with heavy use of [ABBYY OCR Engine](#) and [OpenCV](#). Developed custom algorithms for detecting lyrics highlighting timings, page change timings, number of voices, page sequences. LRU is capable to produce complete XML document for karaoke song based on low-resolution video.
- **Car Multimedia System** (2010-2011). Written on C# with entire UI done on WPF. The system features many components for in-car use such as phone integration, video playback, music player, navigation, social, web, radio, and others.
- [Rebomber](#) (2014). Hobby project is written for fun on C#/Unity3d. Simple 2d scroller game based on the 90s game for Nintendo NES Bomberman. Full source code available on GitHub.

## ADDITIONAL EXPERIENCE AND AWARDS

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- [Bitcoin and Cryptocurrency Technologies](#): by Princeton University on Coursera. Completed on June 2015.
- [Machine Learning Foundations](#): A Case Study Approach by University of Washington on Coursera. Certificate earned on October 12, 2016