

# Dmitry Sadakov

Software Engineer  
MS in CS '08

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GitHub/[cDima](#) · stackoverflow/1700 points

## Summary

- 10+ years expertise in IT: web, enterprise, and mobile development
- 7 years developing software and leading in the fintech for fortune 500 & 1000 companies
- Strong knowledge of the web platform & paradigms, OOP, algorithms
- Launched smart lighting chrome extension & apps serving thousands of users per month
- Created open source app reaching 60k users, mentioned on [lifehacker.com](#), [gizmodo.com](#)
- Passionate about web design and performant apps

## Education

**2002–2011** Saint-Petersburg State Polytechnical University, Russia

- MS in CS, unfinished PhD in CS; 7 published works on information retrieval & P2P sync

## Skills

**Languages:** C#, JavaScript, Java, Scala, HTML, CSS; Experience with PHP, Python, C++

**Frameworks:** Microsoft ASP.NET MVC & ASP, JQuery, AngularJS, Node.js

**Methodologies:** Agile, TDD, Extreme programming

**Data:** MSSQL, MySQL, Lucene.Net, Redis, RabbitMQ

**Cloud:** Experience with Amazon AWS, familiar with Google Cloud, Heroku, IBM BlueMix

**UI/UX:** Adobe Photoshop, InDesign, After Effects

## Professional Experience

**2017-Present** **SDE @ Amazon, Seattle, WA**

- Making the world's leading cloud provider more bunny-shaped

Environment: Amazon stack, AWS, Linux.

**2016-2017** **Cognitive machine learning researcher @ Essextec**

- Researched cognitive toolkits, built recognition models for images
- Proof of concept cognitive applications

Environment: MS CNTK, Git, IBM Connections

**2015-2016** **Essextec SDE & SRE @ COX Automotive, Long Island, NY**

- I bridged devops with 8 dev teams in an effort to move legacy code from 2003 to 2008 servers to save ~\$500k+ per year in OS legacy licensing fees
- In a team of 2 created an automation framework to deploy 90% of our web stack

Environment: Javascript, Powershell, Jenkins, TFS, Git, Saltstack, ASP.NET, ASP

**2014-2015** **Essextec SDE at Alvarez & Marsal Holdings, NY, NY**

- Took lead and delivered fixes 50% ahead of schedule to an equity web app for stockholders
- Upgraded it to state of the art web stack, corrected architectural, introduced CI 15m to 10s

**2010-2014** **Essextec SDE @ The IntercontinentalExchange, formerly New York Stock Exchange**

Supported major web store for historical stock data products [nyxdata.com](#):

- Developed searching across all products on the site, custom URL management system
- Removed potential attack vectors from old code base, maintaining 100% coverage
- Led offshore team of 2-4 developers in Argentina and Russia
- Built API for an iPad app to merge Salesforce & Saleslogix data for C-Level executives, acceptance granted \$1m/yr budget for future cross-CRM merging efforts

## Open-source projects & startups (owner-founder)

**2015-2017** *Aerial for windows* — windows screensaver that streams Apple TV aerial videos

- featured on *lifehacker.com*, *gizmodo.com*, *neowin.com*, among others
- 600 github stars, 60k downloads

This simple screensaver took off as a popular repo that I now maintain as main contributor

**2014/11** *Ambieye.com* — Smart light IoT suite of chrome extension, web, iOS & Android apps:

- Crafted a beautiful web app to control smart home lights without needing a smartphone, a single code base supporting web, iOS, Android and Chrome
- Serving 2-4k users monthly

Environment: ES6, Google WSK, Chrome JS API, Philips Hue REST API, Colourlovers API & Node.js

**2014:** vtoure - <https://github.com/cDima/vtoure> - music concert geolocation search app for the largest social network in Russian based on Songkick API, Google Geo API and VK API;

**2007:** Lan Crawler – [lan-crawler.sf.net](http://lan-crawler.sf.net) (GPL) - an open-sourced stand-alone app that indexes public LAN files with IMDB integration, slick Web 2.0 interface. Today such a product is [plex.tv](http://plex.tv)

## Misc

- Hackathons: AngelHack NYC 2015; Disrupt NY 2015. Meetups incl. AngularJS @ Google
- Google CodeJam 2017 qualification round
- Created e-stores selling \$100k+ worth of merchandise
- Completed Princeton University course on Algorithms
- Completed Google Cloud Fundamental Course



