

# Alexandr Sudakov

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## EDUCATION

- **Novosibirsk State University** Novosibirsk, Russia  
*Master in Mathematics* Sep. 1999 – Jun. 2006

## EXPERIENCE

- **LocalLabs** Remote work  
*Senior Software Engineer* Mar 2012 - Present
  - **Voters project:** Data processing from raw into fully prepared standardized form for growing number of states. Follow up tasks to match people to different datasets and provide analytics per different areas. Improved previous matching rate by 12% and made it about 10x times faster on large datasets.
  - **Geocoder solution:** I implemented server checking number of open data sources and already prepared data with fallback to paid services. The server uses state of the art address parsing and expanding libraries and provides caching for results. It sped up development and geocoding times significantly in number of other in-house projects.
  - **Customer churn project (Machine Learning):** Predicting churn customers and suggesting steps how to prevent it plus corresponding metrics. It reduced customer churn by 10% in 2 months.
- **BlockShopper** Remote work  
*Senior Software Engineer* Jun 2009 - Aug 2011
  - **Team lead of data processing team:** the project is about real estate information. Data processing from raw state into fully prepared ready to sell and to use in another projects. It was done for both assessor and recorder data for growing number of counties. Also, it supported updates and tests to keep information accurate and up to date. It's still a live project covering major part of US and earning money.
- **Parallels** Novosibirsk, Russia  
*Senior Software Engineer* Jun 2009 - Aug 2011
  - **Team lead of support systems development/maintenance team:** The company is one of the world leaders in hosting automation with number of products such as: [Parallels Desktop](#), [Virtuozzo](#), [Plesk](#) and etc. It has a big support team working 24/7. During over 2 years my team had kept the system up, made it faster and more featurefull. Thus, support team had kept their duty around o'clock.
- **DataEast** Novosibirsk, Russia  
*Software Engineer* Nov 2006 - Apr 2007
  - **GEO server:** I developed new plugin with number of GEO functions. It widened functionality of the server.
- **SWSoft** Novosibirsk, Russia  
*Customer Relationship Manager, Software Engineer* Aug 2005 - Sep 2006
  - **CRM for HSPComplete product:** I led number of customers since purchase date until going live with their fully configured and customized product. I got specifications for any custom feature requests from clients and if it wasn't achivable via custom scripting processed it with development team in timely manner.
  - **Feature for HSPComplete product for Chinese market:** I fully implemented special plugin to support Chinese government regulation rules related to web sites. It was a real blocker for China market after which product became available for a new country and many potential customers.
- **NTONYX** Novosibirsk, Russia  
*Junior Software Engineer* Sep 2004 - Dec 2004
  - **Musical Software for Desktop (C++):** I developed custom algorithm for music chords processing which satisfied and made happy number of customers requested this feature.

## PROJECTS

- **WWW FDW:** Open source PostgreSQL extension, so-called Foreign Data Wrapper (FDW). It is a handler for PostgreSQL server which provides easy way to reposit different web services as a table data.

## PROGRAMMING SKILLS

- **Languages:** Perl, Python, SQL, C++