

Aleksandr Salo

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EXPERIENCE



Github Profile



Google Dev Profile

Student Ambassador

Jul. 2015 - now

Google, Mountain View, CA

- Organized and coordinated multiple campus events with over 100 participants.

Research Assistant

Aug. 2014 - now

Computer Science, Baylor University, Waco, TX

- Developed: parse & load scripts, models to store new data, views (w/caching) for detailed stats with export, html templates and filters, search page w/filtering, plot tools for <http://matrr.com> (*Python & Django, HTML, CSS*)
- Implemented two-step classification algorithm on Random Forests w/bagging to predict future alcoholics (w/76% accuracy) based on behavioral data; created multiple analytical plots. (*Scikit-learn, Pandas, Matplotlib*)
- Performed spectral analysis, time series transformation and forecasting on the alcohol consumption data by females Rhesus monkeys to show the underlying correlation. (*R, Zoo*)
- Deployed a local copy of GeneNetwork2 web resource; filled with the new data; updated multiple models. (*Python & Flask, Nginx*)

Business Analyst

Oct. 2013 - July 2014

Liberty Grant Consulting, Moscow, Russia

- Prototyped event-driven simulation algorithm (with gamma distribution queue model) and improved resource utilization for a major bank allowing to reduce average wait time by 15%. (*R, Kaizen, Six Sigma*)

Project Manager

Feb. 2011 - Sept. 2013

Dessence Interactive Agency, Voronezh, Russia

- Managed total seven projects with related teams; gathered and elicited requirements; shaped client's expectations; analyzed and improved team performance by correcting incentives. (*PM, Communications, Requirements Engineering*)

EDUCATION

Master of Science in Computer Science

GPA: 3.67

Baylor University, Waco, TX

Expected: June 2016

Graduate Research in Machine Learning

Bachelor of Science in Computer Science

GPA: 3.7

Voronezh State University, Voronezh, Russia

June 2013

Minors: Management, Economics, Public Speaking

"Cafe Management" Web & Desktop

(*C#, ASP.NET, MySQL, HTML, CSS*)

"Chto? Gde? Kogda?" Android app for TV game

(*Android kit, Java, OrmLite*)

"DartsCoach" Android app; honored with award from *Russian Association of Darts*.

OPEN SOURCE PROJECTS

Android Apps "Cameron Park Disc Golf", "WiFi X Min Off"

Android Kit

Web App scitermtranslator.elasticbeanstalk.com

Django, AWS, EC2

Dev Notes Blog www.alexsalo.xyz

Ruby, Jekyll, Github Pages

EXTRA-CURRICULAR ACTIVITIES

Policy Committee Member at Graduate Student Association (BU) (*Oct. 2014 - Now*)

Student Body President at VSU

(*Aug. 2012 - Jul. 2013*)

Cultural Programs Coordinator at VSU

(*Sep. 2010 - Jul. 2012*)

Editor in Chief, CS-Info at VSU

(*Dec. 2009 - Jun. 2010*)