

KIRILL IGUMENSHCHEV

1632 Walnut St.
Berkeley, CA 94709

(585) 313-6024
kirill.igum@gmail.com
www.linkedin.com/in/kirilligum

Employment

NLP consultant, *Nucleal, San Francisco, CA* 2018, Sep
Psychological personalities for brands · word and sentence embedding · research on distance
Vice President of Data Scientist, *Lantern Credit, Newport Beach, CA* 2018, Feb-Mar
Credit Score Cards · Modelling · Research · Serverless architecture
Principal Data Scientist, *Lantern Credit, Newport Beach, CA* 2017-2018
White-box machine learning research · Data pipeline automation · team building
Co-founder, *MADObjective, San Francisco* 2017-2018
Sales and marketing insights and automation. UI · ML · product · Agile
Founder, *FlowerBid, San Francisco* 2017-present
B2b wholesale source material marketplace for Hemp and CBD with financing
Data Scientist, *6sense, San Francisco* 2015-2017
modeling · features · monitoring data-pipeline tool · lead scoring · distributed scraping · classification of web pages from weblogs · foreign-to-English translation on HIVE · distributed clustering algorithm
Lead Data Scientist, *Sentio, San Francisco* 2015-2017
natural language processing of earnings conference calls · trading indicators from website visits and web-search
Postdoc (Computational Chemistry), *University of California, Berkeley* 2012-2014
Mathematical and computational methodology for simulating quantum effects in previously unapproachable large systems by leveraging path-integrals and distributed C++ algorithms on 20,000 computers
Summer Research Assistant, *Los Alamos National Laboratory* 2003, 2004, 2006
Research Assistant, *University of Rochester* 2002-2004, 2011-2012

Skills

Credit score cards · NLP · UI (ReactJS) · Random Forest · Symbolic Regression · Genetic programming · Numerical Methods · Databases · Distributed computing · Cache-optimization · C++, Python, Perl, Hadoop, Spark, SQL

Relevant Coursework

data science · statistics · machine learning · neural networks · lean launchpad start-up · probability · statistical physics · game theory · coaching and leadership · natural language processing

Personal Projects

Block-chain distributed microblog
Ethereum · recommendation engine sharing · webapp
Command line tool for a description of big data (>100GB) <https://github.com/kirilligum/daccli>
C++ · distributed · streaming algorithms · optimization · Valgrind
Modified extremely randomized trees (in progress) <https://github.com/kirilligum/turids>
C++ · cache-optimization · cache-oblivious
Educational games recommendation platform
Founded a team of 8 for a lean start-up class with Steve Blank at HAAS · 140 Customer discovery interviews

Education

PhD and MS (Chemistry), *University of Rochester, Rochester, NY* 2004-2011
BS (Physics), *University of Rochester, Rochester, NY* 2002-2004
Moscow Institute of Physics and Technology, Moscow, Russia 2000-2001

Publications

J. Chem. Phys. 138, 054104 (2013); Molecular Physics 110,837 (2012); Phys. Rev. E 84, 026616 (2011); Phys. Rev. B 71, 033201 (2005); J Chem Phys. 127, 114902 (2007)

Personal

endurance sports (cycled 200 miles in a day) · kite-boarding · intellectual confidence mentorship · tango/salsa instructor · barefoot ice climbing · organized art events for 300+ people · mixed-martial arts (caught a laptop thief)