

KIRILL IGUMENSHCHEV

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Employment

Founder, *start-up projects and freelance* 2020
Assisted chat for sales and political outreach; GDPR and CPA Compliance
Leader of Analytics Center of Excellence, *C6 Bank, São Paulo, Brazil* 2019-2020
Built and led a team of data scientists to support marketing, CRM, fraud, credit, collection
NLP consultant, *Nucleal, San Francisco, CA* 2018, Sep
Psychological personalities for brands · word and sentence embedding · research on distance
Vice President of Data Science, *Lantern Credit, Newport Beach, CA* 2017-2018
Credit score cards · modelling · research · serverless architecture · team building
Co-founder, *MADObjective (acquired in 2019), San Francisco* 2017-2018
Sales and marketing analytics · UI · ML · product · Agile.
Founder, *FlowerBid, San Francisco* 2017-2019
B2B wholesale agriculture marketplace 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

Skills

data science · leadership · integrating remote teams · GDPR · consulting · coaching · experimentation framework
· credit · NLP · UI (reactjs) · random forest · symbolic regression · genetic programming · numerical methods ·
databases · cache-optimization · c++, python, perl, hadoop, spark, SQL

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)