

JOEL GRUS

joelgrus@gmail.com

twitter.com/joelgrus

github.com/joelgrus

Technical leader, software engineer, data scientist, best-selling author, skilled communicator, and strong generalist. Enthusiastic about well-designed software, clean code, mentoring and learning, extracting value from data, and functional programming.

TECHNOLOGIES (THAT I HAVE USED, TO VARYING DEGREES, AND WITH VARYING LEVELS OF HAPPINESS)

Haskell, Python, C++, JavaScript, machine learning, PureScript, Java, SQL, various NoSQLs, MapReduce, C#, F#, Scala, Clojure, various AWS products

EXPERIENCE

GOOGLE | Seattle, WA | 2014 - 2015

Software Engineer

Tech lead on Supply Chain Planning team. Responsible for technical design and implementation of backend services, gathering requirements, coordinating developers, writing code, and relationships with business users. Previously backend engineer on Display Ads; designed and built data-driven features for a greenfield ads benchmarking tool.

O'REILLY MEDIA

Author, *Data Science from Scratch: First Principles with Python* (published 2015)

Wrote bestselling O'Reilly data science book.

VOLOMETRIX | Seattle, WA | 2011 - 2014

Chief Scientist and Head of Analytics

Employee #2 at enterprise SaaS startup. Created prototype for in-memory analytical engine, designed and implemented most of the analytics in the product, and participated in every other aspect of growing the company from 3 people to 15 people. Responsibilities split roughly evenly among data science R&D, writing production code, and managing people. (Company acquired by Microsoft in 2015.)

DECIDE | Seattle, WA | 2010 - 2011

Analyst

Wrote code, built models, and designed processes to collect, analyze, and predict data for consumer electronics startup. (Company acquired by eBay in 2013.)

FARECAST / MICROSOFT | Seattle, WA | 2006 - 2010

Senior Analyst / "Fareologist" / Software Developer

Mined travel data for "fareology" insights, wrote code and built dashboards to track business metrics and customer activity, simulated revenue impact of changes to analytic products, designed algorithms to identify "deals". (Company acquired by Microsoft in 2008.)

TAHOMA CAPITAL | Bellevue, WA | 2006

Senior Analyst

Handled day-to-day operations of FX portfolio at hedge fund; modeled value and risk of proposed trades.

EDUCATION

MS Social Science, Caltech

MS Mathematics, University of Washington

BA Mathematics, Rice University