Lena Tashkevych

Data Scientist

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INNOVATION DATA SCIENTIST
ROOM8 | SAN FRANCISCO, CA | 2018 – present
Creating processes to utilize data effectively for everyday operations at seed-stage roommate matching startup. Using python, SQL, R, and Periscope.

PRODUCT DATA SCIENTIST
CELTRA | SAN FRANCISCO, CA | 2015 – 2018
- Worked closely with engineering and product teams to research and test new product offerings.
- Extracted data sets from billions-per-day event logs using Spark / Scala, as well as from thousand-attribute unstructured json blurbs.
- Designed, created and populated SQL databases for commonly-used external data.

MACHINE LEARNING RESEARCHER
IPVIVE | EMERYVILLE, CA | 2015 – 2016
Researched algorithm for summarizing speech and emotion vectors by "folding" multi-dimensional text-vector space. (patent application http://pdfaiw.uspto.gov/.aiw?docid=20170011309)

MACHINE LEARNING ENGINEER
ROBERT HALF, MACHINE LEARNING TEAM | 2013 – 2015
Built ML-driven pilot projects from the ground up for various branches of 65-year-old recruiting company.
- Improved resume to job description match rate in pilot program 4x
  (by changing algorithms, reducing overfitting, and cleaning data).
- Analyzed job descriptions using Stanford NLP scripts
  for features that had a positive effect on application numbers.
- Assembled and manipulated large (75mill row x 7k column) datasets in Hadoop/Hive.

SOFTWARE ENGINEERING INTERN
ROBERT HALF, MARKETING AND COMMUNICATIONS | 2009 – 2013
- Reverse-engineered and documented complex search application
  (Elise-based search in Java and Flex)
- Set up Splunk-based near-realtime detection of enterprise app issues.
- Created dashboards to detect fraud in Apache website traffic logs.

EDUCATION
B.A. MATHEMATICS – University of California, Santa Cruz

INTERESTS - Reading, learning new languages, travel, social ballroom dancing.

SKILLS - SQL, R, Scala, python, Spark, Tableau, QlikView, Periscope.
English, Russian, intermediate Ukrainian and French, beginning Mandarin and German.