Delroy Cameron   +1 (937) 768–1361 (cell)
1550 Clement St. Apt 2   delroy@urx.com
San Francisco, CA 94118   http://delroycameron.com

Objective: To engineer big data applications using machine learning and structured background knowledge.

Experience

URX	San Francisco, CA
Data Scientist	*Feb. 2015 – present*

Education

Wright State University (PhD, Computer Science) – Dec. 2014
University of Georgia (Masters, Computer Science) – Dec. 2007
Savannah State University (Bachelors, Computer Science Technology) – May 2005

Skills

Programming Languages: Python, Java, Golang, Scala, Perl, Octave, Shell scripting, awk, sed, R
Big Data: Hadoop, PySpark, GraphX, Kafka, Zookeeper, Elasticsearch, HBase
Machine Learning: LR, SVM, SGD, numpy, scipy, pandas, scikit-learn, gensim, word2vec
Deep Learning: Softmax LR, DNN, CNN, Theano, Tensorflow, Keras
Semantic Web: SPARQL, RDF, OWL, DBpedia, Freebase, DrugBank, UMLS, and MeSH
Frontend Development: HTML, CSS, JSON, REST, Javascript, jQuery, ExtJS, JSP, JavaServlet, J2EE, Ruby
Backend Development: Tomcat, SQL, MySQL, HBase, SQLite, SPARQL, Virtuoso RDF Store, Lucene
Operating Systems: Very comfortable working in Linux and Mac OSX environments
Version Control Systems: Git, SVN

Publications: Four journal papers, three conference papers, and two workshop papers (see ▷).
Funding: Contributed significantly to acquiring more than $700K in funding as a PhD student
Internships: IBM Almaden (Summer 2012), NIH (Summer 2010 & 2013)

Projects

1. **Mobile Advertisting** *(2015.2 – present)*: Lead on Search Relevancy at URX, where I work on various information extraction tasks, including entity disambiguation, fact extraction, and semantic search, to drive delivery of contextually-relevant ads on mobile (see: http://bit.ly/delroy-insdb).

2. **Obvio** *(2010.6 – 2014.12)*: For my PhD dissertation, I developed Obvio to discover knowledge from biomedical literature using jQuery, Javascript, and Cytoscape.js in the frontend and J2EE, Tomcat, Lucene, SQL, MySQL, SPARQL, and Virtuoso in the backend (see http://bit.ly/obviodemo).

3. **PREDOSE** *(2011.7 – 2014.12)*: Led the development of the PREDOSE platform, which detects emerging patterns and trends in prescription drug abuse from web forum discussions, using Javascript and ExtJS in the frontend and J2EE, Tomcat, Lucene, SQL, MySQL, SPARQL, and Virtuoso in the backend (see http://bit.ly/kasdemo & http://bit.ly/predemo)

Invited Talks

SF Data Science Meetup – Galvanize, San Francisco CA, Feb. 9, 2016 (http://bit.ly/delroyMTUP1)
Startup Showcase – IEEE Big Data Conference, Santa Clara CA, Nov. 1, 2015 (http://bit.ly/delroyBDSC15)