

Adam Leal Cárdenas

CONTACT INFORMATION	E-Mail: adam.cardenas@colorado.edu Github: https://github.com/cevaris	LinkedIn: http://www.linkedin.com/in/adamcardenas
RESEARCH INTERESTS	Software Engineering, Web Applications, Scalable Distributed Computing/Stream Processing	
EDUCATION	University of Colorado, Boulder <i>M.S. in Computer Science</i> August 2012 – Dec 2014 California State University, Fresno <i>B.S. in Computer Science</i> August 2007 – May 2012	
TECHNICAL SKILLS	Languages: Java, Python, Ruby, Javascript, PHP, bash, SQL, Objective-C, C/C++/++, SQL, \LaTeX Platforms: Ubuntu, CentOS, Redhat, AWS, Heroku, Linode, OS X, Android SDK, iOS, Windows Software: Apache Cassandra/Hive/Pig/Hadoop, Amazon S3/EC2, Cloudera, DataStax Ent., Django, Ruby on Rails, Redis, Git, MongoDB, Mercurial, Neo4J, Ngnix, uWSGI	
PROFESSIONAL EXPERIENCE	EPIC Analyze , University of Colorado, Boulder <i>Software Engineer - DSE/RoR/Redis</i> August 2013 – Present Analytics software for filtering, searching, querying, annotating, and viewing of Twitter datasets (hundreds of millions of tweets) for internal use within the Project EPIC research lab. University of Colorado, Boulder <i>Project Manager</i> August 2012 – Present Managed over a dozen software development student teams using the Agile development process in a Software Engineering project course. Time Warner Cable , Denver, Colorado <i>Software Engineer - Java/R</i> June 2013 – August 2012 Applied Quasi-Experimental Design methods to study video streaming data. The implementation was done using Apache Hive, Pig, and R. Bixly , Fresno, California <i>Software Engineer - Python/Java</i> September 2011 – August 2012 Designed, implemented, and tested Django web framework modules for Bixly's clients. Applied the Scrum software development process. California State University, Fresno <i>Undergraduate Research</i> May 2009 – May 2012 Applied Service Oriented Architecture approaches to Domain Specific Languages. Revised, documented, and implemented domain specific languages such as Programmable Parameter Control for Evolutionary Algorithms.	
HONORS AND AWARDS	University of Colorado, Boulder, Deans Outstanding Merit Fellowship Fall 2012 Outstanding Undergraduate Student Award (Annual) 2012 Science Undergraduate/Graduate Research Experiences Award (Annual) 2009, 2010 CSU, Fresno Undergraduate Research Award (Semi-Annual) Fall 2009 – Spring 2011	
SELECTED PUBLICATIONS	Shih-Hsi Liu, Adam Cardenas, Xang Xiong, Marjan Mernik, Barrett R. Bryant, Jeff Gray "Domain-Specific Language Implementation using Service-Oriented Architecture" <i>International Journal of Multiagent and Grid Systems</i> Shih-Hsi Liu, Adam Cardenas, Xang Xiong, Marjan Mernik, Barrett R. Bryant, Jeff Gray "A SOA Approach for Domain-Specific Language Implementation" <i>Services (SERVICES-2010), 2010 6th World Congress on Services</i> , pp. 535 - 542, 2010. Shih-Hsi Liu, Marjan Mernik, Matej Crepinsek, Adam Cardenas "Parameter Control of EAs Using Exploration and Exploitation Measures: Preliminary Results" <i>5th International Conference on (BIOMA'12)</i> , pages 141-150	