@omojumiller 🐦
omojumiller@berkeley.edu ✉
http://buff.ly/1TXyVq5 in
https://github.com/omoju

OMOJU THOMAS MILLER

Ex-Google | White House Influencer | UC Berkeley Ph.D.

skills

Programming Languages: Python, Prolog, C, C++, Ruby(basic), SQL
Frameworks: XGBoost, NLTK, Pandas, Numpy, Scikit-Learn, Word2Vec
Version Control Systems: Git

projects

Creating Customer Segments   Sept 2016
   - Built an unsupervised learning model to identify customer segments from data.

Semantic Web Expert System Shell (SWEXSYS)   Sept 2006
   - Created an intelligent system platform capable of reasoning with multiple ontologies.

professional experience

Insight Datascience - *Data Science Fellow*   Palo Alto, CA | Jan 2017-Present
   - Built a large-scale hierarchical classification model for a YC backed management service company.
   - Scaled solution to accommodate growing taxonomy of item categories.

UC Berkeley - *CSEd Doctoral Candidate*   Berkeley, CA | Dec 2013-May 2016
   - Applied machine learning to investigate student decision making around computer science choices.
   - Developed a data science unit within a historical intro CS course, CS10.

Google - *Technology Portfolio Manager*   Mountain View, CA | Feb 2014-Dec 2015
   - Co-led a $15M CSEd portfolio. Grew the portfolio by 25%.
   - Co-led the development of vocabulary glossary for Android Development for Beginners course.

ICSI[1] - *Graduate Researcher*   Berkeley, CA | Mar 2011-Dec 2012
   - Built a conceptual metaphor Semantic MediaWiki capable of ingesting data in English, and Farsi.
   - Contributed to the design of conceptual metaphor framework.

UniversityNow - *Data Scientist (Intern)*   San Francisco, CA | Jun 2012 -Aug 2012
   - Led a 3 person team responsible for creating an analytics console.
   - Pulled and integrated data from two separate database management systems.

Center for Advanced Sensors - *Graduate Researcher*   Memphis, TN | Aug 2003-Nov 2006
   - Co-designed OntoSensor, a sensor ontology using Semantic Web Ontology Language (OWL).
   - Built an intelligent reasoning agent capable of reasoning with data in XML and RDF formats

Thoughtware Learning Technologies - *Software Engr*   Memphis, TN | Aug 1999-Nov 2001
   - Contributed to the development of eLearning workforce development management system.
   - Quality assurance for an eLearning management system.

teaching experience

UC Berkeley - *Graduate Student Instructor*   Berkeley, CA | Spring 2011
   - Introduction to C++ programming

University of Memphis - *Adjunct Faculty*   Memphis, TN | Fall 2009, Spring 2010
   - C programming for Engineers

education

Udacity - Machine Learning Nanodegree   (Expected 2017)
UC Berkeley - Computer Science Education, Ph.D.   2016
University of Memphis - Intelligent Systems (EECE), M.S.   2004
University of Memphis - Computer Science, B.S.   2001

grants, honors, & awards

Member, World Economic Forum (Expert Network: AI and Robotics), Davos, Switzerland   2017
Winner, White House Dept of Edu EdDataPalooza, Washington DC   2014
Bloomberg Beta Future Founder, Bloomberg Beta, San Francisco CA   2014

[1]International Computer Science Institute