Jean Michel Rouly
United States citizen

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Education

George Mason University, Fairfax, VA
B.S. Computer Science, Minor in Linguistics

Aug 2011 – May 2015
Cumulative GPA: 3.93

Member of the Dean's List for Fall 2011, Spring 2012, Fall 2012, Spring 2013 semesters. Recipient of highest academic merit scholarship awarded to George Mason students (the University Scholars scholarship). Full member of Phi Kappa Phi academic honors society, George Mason University chapter.

Relevant Experience

Florida Institute of Technology, Melbourne, FL
AMALTHEA; NSF-sponsored REU

May 2013 – July 2013
Big Data, Machine Learning

10-week summer research experience for engineering undergraduate students funded by the National Science Foundation and hosted at the Florida Institute of Technology in Melbourne, FL. Intellectual focus on Machine Learning (ML) and its applications. Performed supervised research on ML topics with the potential to impact the field of ML itself, as well as how ML is applied to other scientific disciplines. Project description follows.

Large-scale Clustering for Big Data Analytics: A MapReduce Implementation of Hierarchical Affinity Propagation
Architected and implemented a robust text mining framework using MapReduce in a cloud-computing environment capable of processing Big Data from multiple input sources for the extraction of actionable intelligence. Built on top of Apache Hadoop, Apache Mahout, Apache Hive, and mySQL. Deployed for large scale using standard Amazon EC2 instances.

Harmonia Holdings Group, LLC, Tysons Corner, VA
Java programming consultant

Jun 2012 – Present
Java, Specification Design

Collaborated with project manager on high level systems architecture design, and implemented solutions according to specification. Developed components of a Learning Classifier engine. Spearheaded design and implementation for complex graphical user interfaces, all to-specification.

Relevant Skills

Languages

Java, C, Python, mySQL, R, PHP, (X)HTML, CSS

Operating Systems

Linux/UNIX; Windows 7, XP, 2000

Common Applications

Apache Hadoop, Hive, and Mahout; Eclipse, NetBeans, MATLAB, SVN, VPN, Microsoft Office suite

Software Design

MapReduce, Use Case analysis, UML, SRS documents, technical writing