Jean Michel Rouly
United States Citizen

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Education

George Mason University, Fairfax, VA · **Aug 2011 - May 2015**
B.S., Computer Science with Linguistics minor · *Cumulative GPA: 3.93*

- Dean's List awarded for all semesters attended,
- Member of Phi Kappa Phi academic honors society,
- Recipient of highest academic merit scholarship awarded (University Scholars scholarship).

Relevant Research Experience

NSF & Florida Institute of Technology, Melbourne, FL · **May 2013 - July 2013**
Undergraduate Researcher · amalthea-reu.org

"Large-Scale Clustering for Big Data Analytics: A MapReduce Implementation of Hierarchical Affinity Propagation"

- 10-week research experience funded by the National Science Foundation,
- Constructed robust data mining framework in a cloud-computing environment,
- Novel MapReduce implementation allowed scalability to Big Data problems,
- Built using Apache Hadoop, Mahout, and Hive; deployed at scale on Amazon EC2 cloud.

Relevant Work Experience

George Mason University Honors College, Fairfax, VA · **Aug 2013 - Present**
Lead Project Developer · honorscollege.gmu.edu

- Developed crowd-sourced peer-review service for students pursuing research topics,
- Maintained multiple Linux web servers hosting online content for student access,
- Collaborated with research mentors to increase usability and value of services.

Harmonia Holdings Group, LLC, Tysons Corner, VA · **June 2012 - Present**
Java Programming Consultant · harmonia.com

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

Community Involvement

Student-Run Computing and Technology (SRCT), Fairfax, VA · **August 2013 - Present**
President and Co-Founder · srct.gmu.edu

- Developed and deployed Open Source projects to benefit the campus community,
- Organized groups of student developers and their Open Source projects,
- Maintained multiple Linux web servers hosting software services,
- Liaised with campus administration and faculty.

Relevant Skills

Languages
Java, C, Python, MySQL, R, PHP, (X)HTML, CSS

Common Applications and Frameworks
Apache Hadoop and Mahout, Django, MATLAB, SVN, Git, Eclipse, NetBeans, LaTeX

Operating Systems
Linux/UNIX; Windows 7, XP, 2000

Software Design Paradigms
MapReduce, Use Case analysis, UML, technical writing