# 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 and Data Analysis minors* — *Cumulative GPA: 3.93*

- Dean's List awarded for all semesters attended,
- Member of Phi Kappa Phi academic honors society,
- Recipient of the Honors College Extraordinary Service award,
- 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,

## 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