

Jean Michel Rouly

United States Citizen

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Education

George Mason University, Fairfax, VA

B.S., Computer Science with minor in Linguistics

Aug 2011 - May 2015

Cumulative GPA: 3.93

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

Relevant Research Experience

University of Alabama, Tuscaloosa, AL

REU Undergraduate Researcher

May 2014 - July 2014

reu.cs.ua.edu

- Analyzed various graphical language IDEs for common attributes.
- Contributed to Open Source AToMPM modeling framework.
- Manipulated wide variety of tools from various domains.

Florida Institute of Technology, Melbourne, FL

REU Undergraduate Researcher

May 2013 - July 2013

amalthea-reu.org

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

- 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

Lead Project Developer

Aug 2013 - Present

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

Java Programming Consultant

June 2012 - Present

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

President and Co-Founder

August 2013 - Present

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, SQL, R, PHP, (X)HTML, CSS, Haskell, L^AT_EX

Operating Systems

Linux/UNIX; Windows 7, XP, 2000

Common Applications and Frameworks

Apache Hadoop and Mahout, Django, MATLAB, SVN, Git, Eclipse, NetBeans

Software Design Paradigms

MapReduce, Use Case analysis, UML, technical writing