Jean Michel Rouly

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Education

Masters of Science in Computer Science   **Jan 2017 - Dec 2018**
Georgia Institute of Technology

Bachelors of Science in Computer Science *summa cum laude*   **Aug 2011 - May 2015**
George Mason University

Work Experience

Senior Software Engineer   **Dec 2016 - Present**
Software Engineer   **Sep 2015 - Dec 2016**
Rally Health   rallyhealth.com

- Scaled microservice oriented architecture to millions of customers.
- Built tooling and infrastructure to support production site.
- Utilized modern reactive stream technology.
- Served on-call rotations managing production deploys and live-site support.

Lead Project Developer   **Aug 2013 - Jan 2015**
George Mason University, Honors College   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.

Java Programming Consultant   **Jun 2012 - Jun 2013**
Harmonia   harmonia.com

- Created components of a Learning Classifier engine.
- Collaborated with project manager on high level systems architecture design.

Leadership

President and Co-Founder   **Aug 2012 - May 2014**
Student-Run Computing and Technology   srct.gmu.edu

- Managed and deployed Open Source projects to benefit the campus community.
- Maintained multiple Linux web servers hosting software services.
- Coordinated and led large-scale community outreach events.

Publications

- Rouly, J. M., Rangwala, H., and Johri, A. (2015, July). What Are We Teaching?: Automated Evaluation of CS Curricula Content Using Topic Modeling. In *Proceedings of the eleventh annual International Conference on International Computing Education Research* (pp. 189-197). ACM.
- Rouly, J.M, Orbeck, J. D., and Syriani, E. Usability and Suitability Survey of Features in Visual IDES for Non-Programmers. In *Proceedings of the 5th Workshop on Evaluation and Usability of Programming Languages and Tools, PLATEAU '14*, pages 31–42, New York, NY, USA, 2014. ACM.
- Rose, D. M., Rouly, J. M., Haber, R., Mijatovic, N., & Peter, A. M. (2013, December). Parallel Hierarchical Affinity Propagation with MapReduce. In *Cloud Computing Technology and Science (CloudCom), 2013 IEEE 5th International Conference on* (Vol. 2, pp. 13-18). IEEE.

Technical Skills

Languages	Scala, Java, Javascript, Typescript, SQL, C, Python, HTML, CSS, R, PHP
Frameworks	Akka, Play, Angular, Django, Flask
Databases	Elasticsearch, Postgres
Tools	Bash, Git, Docker, sbt, npm, gpg, svn, Jenkins
OS	Linux, Mac, Windows