

Education

Masters of Science in Computer Science

GEORGIA INSTITUTE OF TECHNOLOGY

Jan 2017 - Dec 2018

GPA: 4.00

Bachelors of Science in Computer Science *summa cum laude*

GEORGE MASON UNIVERSITY

Aug 2011 - May 2015

GPA: 3.95

- Honors College Extraordinary Service Award.
- Volgenau School of Engineering Distinguished Academic Achievement Award.
- Volgenau School of Engineering Excellence in Undergraduate Writing Award.
- University Scholars Scholarship (highest academic merit scholarship).

Experience

Senior Software Engineer

Software Engineer

RALLY HEALTH

Dec 2016 - Present

Sep 2015 - Dec 2016

rallyhealth.com

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

Lead Project Developer

GEORGE MASON UNIVERSITY HONORS COLLEGE

Aug 2013 - Jan 2015

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

HARMONIA

Jun 2012 - Jun 2013

harmonia.com

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

Leadership

President and Co-Founder

STUDENT-RUN COMPUTING AND TECHNOLOGY

Aug 2012 - May 2014

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 3142, 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