

MASON GALLO

(561) 735-1909
masonagallo@gmail.com
github.com/MasonGallo

EMPLOYMENT

Software Developer **R Project for Statistical Computing** **May 2016 - Present**

- R package: mlr
- Ensure smooth integration of new methods into mlr codebase to expand mlr's machine learning capabilities
- Write documentation and tutorials to ensure API is easy to use
- Provide ongoing support to users through bug-fixing, testing, and reviewing of pull requests

Instructor, Data Science **General Assembly Corporate** **July 2015 - Present**

- Develop syllabi and curriculum for data science courses to be used in 11 offices across the world with hundreds of students
- Teach data science courses and workshops in Python, increasing enrollment per week in elective courses
- Train corporate teams on using data science methods to solve business problems

Open Source Developer **Google** **Summer 2016**

- Proposal accepted to Google's Summer of Code Fellowship in partnership with R Project for Statistical Computing
- Created novel methods for visualizing and optimizing parameter tuning
- Supported new features after release with bug-fixes and usage tutorials

Data Scientist **Havas** **May 2014 - July 2015**

- Developed automated pipelines for feature extraction using Python and SQL to decrease development time for predictive models
- Built machine learning models for content recommendation engines
- Designed internal R packages for conducting A/B testing and social media monitoring

Data Analyst **Omnicom Media Group** **June 2011 - May 2014**

- Designed segmentation solution using cluster analysis in Python for a major client contract renewal
- Developed R tools for optimizing media investment levels for campaigns exceeding \$50MM yearly
- Conducted A/B testing that led to reinvestment of \$10MM for major CPG client

EDUCATION

Georgia Institute of Technology — M.S. in Computer Science; GPA: 4.0/4.0 **Fall 2015 - May 2017**

Washington University in St. Louis — B.S. with full-tuition scholarship **May 2011**

PROJECTS AND RESEARCH

Projects

- **AI Game Playing:** building agents to play board games
- **Teaching Machine Learning:** writing machine learning tutorials for programmers

Research

- **Understanding Black Box Models:** using partial dependence to understand why black box models make particular predictions
- **Predicting Student Retention:** predicting outcomes in undergraduate and graduate computer science courses

Languages and Technologies

R; Python; SQL; Git; Tableau