

Jasmine Dumas

Your participation in the Professional Adult Student Society (PASS), Student Veteran Union or other Student Life activities on campus. *

I'm a member of HerCDM, Computer Science Society & Professional Adult Student Society via orgsync. I also take part in virtual meetings and guest speaker events for the Data Mining and Predictive Analytics Lab (DAMPA). I'm hoping to also garner interest in starting a group tailored to the needs of distance learning/online students.

Your post-graduation career goals.

My post graduation my goals are to join an analytics team at a start-up as a Data Scientist. I want to develop software products that lower the entry barrier for others in computational programming and statistical analysis. I'm currently involved in research to develop a new bioinformatics software platform aimed at assisting biologists and life science professionals to analyze large genomic data from the National Institutes of Health (NIH) using the R language. Part of the research and software development was funded by Google Summer of Code this past Summer (<http://www.google-melange.com/gsoc/project/details/google/gsoc2015/jasdumas/5668600916475904>).

This conference directly entails me learning more about the prominent Data Science programming R language by attending workshops and lectures. I hope to also network with other attendees and speakers and further build a network within the community that will help me excel post-graduation while also keeping me involved in open-source software development community.

Your activity with this event. (Provide a presentation summary, list of conference sessions you will attend, list of participating career expo employers you will engage., etc.) *

I would like to attend the following workshops:

- 1) Current Best Practices in Formal Package Development
- 2) Interactive Reporting with R Markdown and Shiny

I would like to attend the following lecture series:

- 1) How to do Survival Analysis of Health Data in R
- 2) fbRads; Analyzing and Managing Facebook Ads from R
- 3) Vectorization Needed: Analyzing Traffic to a Top 10 Website
- 4) Predictive Models for Neglected Disease Drug Discovery: Built with R/Shared using Shiny
- 5) HiDAP: High Throughput Data Analysis Platform for Agricultural Research
- 6) Mapping Census Data in R
- 7) Utilizing R-Shiny Server to Project IP and Disseminate Knowledge in a Global Organisation
- 8) Rapidly Visualizing Scientific Data Optimized by Applications of R