

Q2.

The goal of the **SDAL Data Science for the Public Good Student Fellow program** is to inspire students to pursue science, including statistics, social and behavioral sciences, technology, engineering and math careers by engaging them in socially important research problems and demonstrating that contributions are needed from all degree levels. The primary focus will be at the interface of data analytics and understanding (modeling) the social condition - integrated human habitat, health, and well-being. **DSPG** Student Fellows will be part of vertically integrated interdisciplinary research teams. Students from all disciplines are welcome to apply.

Q26. * Requested information must be provided.

Q21. *Full Name - Last Name/Surname, First Name, Middle Name/Initial:

Kodali, Lata

Q23. *Current Mailing Address:

505 Sunridge Drive, Unit S, Blacksburg, VA, 24060

Q24. Permanent Mailing Address (if different than above):

4537 Boddington Court, Morristown, TN 37814

Q25. *E-mail Address:

latak215@vt.edu

Q26. *Primary Phone Number:

4233128308

Q27. Secondary Phone Number (optional):

Q28. Webpage (if applicable):

Q7. *Name and Location (city and state) of Home Institution:

Virginia Tech (Blacksburg, VA)

Q35. *Academic Department:

Statistics

Q33. *Expected Degree (Bachelors, Masters, Ph.D, other):

Ph.D.

Q32. *Major(s) and/or Minor(s):

Statistics

Q34. *Expected Graduation Date (month and year):

May 2020

Q31. *Number of Credits Completed (including all credits anticipated to be completed by June 2017):

45

Q29. *Current GPA (on a 4.0 scale):

3.93

Q44. *Previous Degree(s) Received (Bachelors, Masters, Ph.D, Other, None), Institution(s), Date(s) and Field(s)/Major(s):

Masters, Virginia Tech, August 2015-December 2016, M.S. in Statistics; Masters, Wake Forest University, August 2011- May 2013, M.A. in Mathematics; Bachelors, Carson Newman University, August 2007- May 2011, B.A. in Mathematics

Q8. Optional - Please describe your background (courses taken, research projects, etc.) in Statistics and Mathematics.

Recently, I have taken courses in regression, inference, probability, design of experiments, Bayesian statistics, and time series. I have taken a variety of math courses as well such as Linear Algebra, Abstract Algebra, Number Theory, Real Analysis, Topology, and Optimization.

Q43. Optional - Describe your background (courses taken, research projects, etc.) in social and behavioral sciences.

In my undergraduate curriculum, I took sociology and psychology where group and individual projects were completed on a particular topic.

Q42. Optional - Describe your background in programming.

I program using statistical software called R. I am familiar with JMP, SAS, and in coursework, I have coded in C++ and Matlab. I plan on learning how to code in python this semester.

Q41. Optional - Provide information about other significant courses you have taken within your field of study.

For my regression course, our projects and homework centered on topics such as ridge regression, LASSO, dual model, and nonlinear. Hence, I'm familiar with the algorithms associated with getting estimates of the parameters in these model types. I am currently taking a Monte Carlo methods course, and I am familiar with simulations using MCMC techniques.

Q40. Optional- Provide a brief description of any prior research experience.

My current research projects fall under the topic of Bayesian Visual Analytics (BaVA), which focuses on visualization of high-dimensional data under the BaVA framework. Right now, I am analyzing data from a user study given to introductory statistics students to see the change in their learning from a non-traditional statistical tool.

Q49. Please upload your resume and one-page cover letter stating why you want to work for SDAL. These documents must be uploaded as a single file.

[SDAL_DSPG_CL_Resume.pdf](#)

863.6KB

application/pdf

Q15.

***Please make sure the following documents are emailed to Kim Lyman at klyman@vbi.vt.edu OR mailed to Social & Decision Analytics Lab, Attn: Kim Lyman, 900 N. Glebe Road, Arlington, VA 22203:**

(i) Two letters of recommendation sent from references (teachers, mentors, or employers).

(ii) An original transcript sent directly from the academic institution. *Note: Transcripts that are issued directly to students and then forwarded to SDAL are not acceptable. SDAL cannot accept faxed or photocopied transcripts.*

Q7. Assurances - I am willing to devote full attention to the Summer Fellow Program and participate in all activities.

☒ Yes, I understand and accept all of these requirements.

☐ No

Location Data

Location: [\(37.179092407227, -80.351501464844\)](#)

Source: GeoIP Estimation

