



Faculty Positions in Data Science

EMORY UNIVERSITY
Atlanta, Georgia

Emory University Math & Computer Science is leading an initiative in **Data Science** to pioneer research and educational advances in this emerging multidisciplinary domain. This initiative builds upon current strengths in data-oriented topics within Computer Science and connects to new areas of emphasis across the life and social sciences at Emory. We intend to recruit a cluster of six or more outstanding scholars in complementary areas of Data Science over the next few years.

Applications for Tenure-Track Positions at the Assistant Professor level are invited from exceptional candidates with outstanding research and teaching records (or promise) in fields related to Data Science. Truly eminent candidates may be considered for appointment at higher ranks, subject to administrative approval. Specific priority areas for this year's searches are:

Data Management and Database Systems – Applicants must have a PhD in Computer Science or a closely related area, with specialization in databases, data and information management, data analysis, storage systems or related topics. The successful candidate will join a growing niche-excellent program in Computer Science within the Mathematics & Computer Science department (<http://www.mathcs.emory.edu>) and contribute to core scholarship and teaching at the undergraduate and graduate levels.

Natural Language Processing – All areas related to NLP are of interest, including computational linguistics, language understanding, information extraction, machine translation, and sentiment analysis. Based in Mathematics & Computer Science (<http://www.mathcs.emory.edu>), this position will have a formal role and teaching responsibilities in the Institute for Quantitative Theory and Methods (<http://quantitative.emory.edu>), as well as a possible affiliation with the Linguistics program. A PhD in Computer Science or closely related field is required, as is an interest in interdisciplinary collaborations, particularly with the social sciences and humanities.

Machine Learning with Applications to Life Science Informatics – In partnership with Emory's strategic initiative in Computational Life Sciences, we seek an exceptional Machine Learning scholar, interested in applications to life sciences and medical informatics. Candidates must have a PhD in Computer Science, Informatics or Statistics. Primary appointment will be in Mathematics & Computer Science (<http://www.mathcs.emory.edu>); with possible secondary or courtesy appointments in Biomedical Informatics (<http://www.bmi.emory.edu/>) or in Biostatistics and Bioinformatics (http://www.sph.emory.edu/departments_centers/bios/index.html).

Applications specifying one or more of the above areas and comprising a CV, research and teaching statements, and three to five letters of recommendation directly from recommenders, should be sent via email to cssearch2014@mathcs.emory.edu. Informal inquiries are also invited by email. Screening starts January 6, 2014 and will continue until all positions are filled.

Emory University is an Affirmative Action/Equal Opportunity Employer and welcomes applications from women and members of minority groups.