Health Data Analytics Fellow

Location: Tulsa, OK
Positions Open: Two
Duration: Two-years

Predict for America seeking a Health data analytics Fellow. The fellow will report and work closely with the health data analytics program manager to initiate, develop, and support a variety of health analytics projects. Position begins spring of 2018.

JOB DESCRIPTION:
Execute Health Data Analytics project: Predict for America initiative aims at creating of hub of capable health data scientists in the local Oklahoma community. The fellows will be required to execute data analytics project for 18-24 months that is focused on improving healthcare and report it to the program manager. This includes, but is not limited to, clarifying data requirements, participating in project scoping processes, assisting in data retrieval and preparation, handling and analyzing large amounts of health data, performing data analytics (data mining, statistical analysis, predictive analytics, network analysis, etc.) for possible clinical decision-making system, prepare deliverables in a timely fashion to show progress in the project.

Support Predict For America Initiatives: Refine Predict For America processes and drive continuous improvement. Also, assist and collaborate with current analysts in data integration, data analysis, and QA processes for new sources of health-related data. Participate in project planning, problem identification, solution development, and deployment activities.

Community Engagement: Participate in local community, social and entrepreneurial events as representatives of the Predict for America program. Participate in conferences to represent the program.

Job QUALIFICATIONS:
A minimum of Master's in the field of biomedical informatics, computer science, industrial engineering, information science, (bio)-statistics, data science or any related field with 3 - 5 years of experience. Ability to work with academic professionals, practitioners, students, and individuals from a number of different backgrounds. Ability to work independently in a continually changing environment.

Strong presentation skills, including verbal and written communication skills. Strong knowledge of MS Office, to include Access, Excel, and reporting applications. Solid understanding of relational databases and ability to write SQL queries.

Desired qualifications:
Ph.D./Ed.D. in biomedical informatics, computer science, industrial engineering, information science, (bio)-statistics, data science or any related field.
At least one journal publication or conference proceeding in previous area of research with accepted or published status. Prior experience with analytics software (e.g., SAS, SPSS, R, Tableau, etc.). Experience in analytics programming languages (e.g., R, Python, Java, Perl, etc.) a plus. Minimum of 1 - 2 years of analytic and reporting experience with healthcare data preferred. An understanding of the healthcare market preferred.

Benefits:
Competitive salary and free accommodation provided for the fellow for two years; Healthcare benefits.

APPLICATION PROCEDURE:

Applications will be accepted online at https://jobs.okstate.edu. The position number is #req3894. Applicants should upload an application letter, current resume and contact information for three references.

The position is contingent upon available funding. *Oklahoma State University is an Affirmative Action/Equal Opportunity/E-verify employer committed to diversity and all qualified applicants will receive consideration for employment and will not be discriminated against based on age, race, color, religion, sex, sexual orientation, genetic information, gender identity, national origin, disability, protected veteran status, or other protected category. OSU is a VEVRAA Federal Contractor and desires priority referrals of protected veterans for its openings. OSU will not discharge or in any other manner discriminate against employees or applicants because they have inquired about, discussed, or disclosed their own pay or the pay of another employee or applicant. However, employees who have access to the compensation information of other employees or applicants as a part of their essential job functions cannot disclose the pay of other employees or applicants to individuals who do not otherwise have access to compensation information, unless the disclosure is (a) in response to a formal complaint or charge, (b) in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or (c) consistent with the contractor's legal duty to furnish information. 41 CFR 60-1.35(c)*