Social Media and Political Participation (SMaPP) lab software engineer:

The SMaPP lab at NYU is looking for a full-time software engineer to help us build software and tools for collecting, processing, analyzing, and understanding large social media data sets. You will use a modern data science toolkit to manage multi-terabyte databases, build data pipelines, preprocess data, evaluate machine learning models, analyze networks, and produce meaningful data visualizations. We require candidates to have either experience programming in relevant environments OR a degree in CS. Significant skills working with Python are mandatory. Experience with linux/unix systems and bash, SQL, R or javascript is a plus, as is experience with natural language processing. Interest in politics or social science combined with these programming skills is a plus.

You will be given the opportunity to participate fully in the research environment, including authoring papers and open source software, attending conferences and seminars, and working closely with a broad group of researchers associated with the lab.

The New York University Social Media and Political Participation (SMaPP) laboratory ([https://wp.nyu.edu/smapp/](https://wp.nyu.edu/smapp/)) is a path-breaking, interdisciplinary lab bringing new collaborative research models to the study of politics. Established in the fall of 2012, the lab’s goals are three-fold: (1) to pursue research on the relationship between social media and politics; (2) to pursue research featuring the innovative use of social media data to study politics and political phenomena; and (3) to develop open source tools that facilitate the use of social media data for the study of politics.

For more information about our goals, methods, and recent publications see: [https://wp.nyu.edu/smapp/](https://wp.nyu.edu/smapp/)

For links to additional SMaPP lab papers see: [https://wp.nyu.edu/smapp/papers-and-publications/smapp-lab-papers-and-articles-2/](https://wp.nyu.edu/smapp/papers-and-publications/smapp-lab-papers-and-articles-2/)

For examples of SMaPP lab research and researchers being discussed in the media, see: [https://wp.nyu.edu/smapp/mediaevents/media/](https://wp.nyu.edu/smapp/mediaevents/media/)

While our preference is to hire a full-time employee, we will also consider qualified candidates for part-time employment, including those currently enrolled in undergraduate or postgraduate degree programs.

If interested please contact Professors Richard Bonneau, Jonathan Nagler, and Joshua A. Tucker at: bonneau@nyu.edu, jn23@nyu.edu, and joshua.tucker@nyu.edu.

Please send a CV and links to any relevant coding projects, websites or projects. A brief cover letter describing relevant experience and explaining your interest in the position is optional.