**Data Visualization Specialist**

***Overview***

The nonprofit Urban Institute is dedicated to elevating the debate on social and economic policy. For five decades, Urban scholars have conducted research and offered evidence-based solutions that improve lives and strengthen communities across a rapidly urbanizing world. The Institute has fully embraced the power of digital communications to achieve these goals.

The Institute is seeking a Data Visualization Developer to join our growing Visual Communications team. This team is responsible for the interactive features – maps, tools, graphics, long-form and multimedia stories – that are published on urban.org and related websites. To fill this Data Visualization Developer role, we are seeking a talented and multi-faceted visual thinker. The person occupying this new position will work closely with scholars, senior leadership, and the Communications department to translate research needs and meet the growing demand for interactive data visualizations, data-rich multimedia features, and user-focused tools and applications on Urban Institute's website.

This is a unique opportunity to deliver Urban's vital research to an expanding audience and explore the possibilities of telling stories with data.

**Responsibilities:**

* Serve as an in-house developer and strategist for an organization of economists and social scientists
* Develop research-based tools, features, and applications for urban.org, related microsites, and major research projects
* Work as a junior member of a strong visual communications team that is managing more than a dozen projects at any given time
* Partner with researchers to develop evidence-based products that make data interesting and accessible
* Set accurate timelines and budgets and deliver projects accordingly

**Qualifications:**

***Essential skills***

* Strong knowledge of data visualization theory and practice, including the ability to communicate complex data to non-technical audiences
* BA, BS or BFA in Computer Science, Journalism, Design, Statistics, Information Science, or other field with equivalent experience
* 3-5 years professional experience with strong portfolio of data visualization projects required
* Creating interactive graphics in d3.js
* Front-end web development using HTML, CSS, and Javascript and associated helper libraries (such as jquery, bootstrap css, modernizr, etc.)
* Cleaning and analyzing data (using R, Python, Ruby, Stata, or others)
* Ability to meet deadlines and work both as an individual contributor and as part of a team of professionals
* Excellent communication and presentation skills
* Strong problem-solving skills
* Attention to detail
* Ability to manage multiple projects at once

***Preferred Knowledge***

* General back-end coding (such as Python, Ruby, Node.js, C++, or similar)
* Git and Github
* Adobe Creative Cloud Apps
* Statistics
* Linux Servers (specifically AWS servers)
* PHP and the Drupal CMS environment
* ggplot2
* Graphic design, user-experience design, and/or motion graphics
* Advanced techniques for charting in M