## Civic Developer/Programmer Position Available
## Baltimore Neighborhood Indicators Alliance - Jacob France Institute

The Baltimore Neighborhood Indicators Alliance - Jacob France Institute (BNIA-JFI) is searching for a civically-minded full-stack developer/programmer to support backend/frontend, GIS/non-GIS application/software development needs for our team. We are looking for an individual who can build API's from our PostGres databases, help prepare data architecture to meet the needs of online interactivity, and engage in datamining for beta-testing potential community oriented applications/data visualizations in the future. In the near term, the focus will be on integrating data from local partners around greening projects in Baltimore as well as a new suite of tools to visualize data in the form of dashboards to support procurement of local goods and local hiring. Over time, new opportunities will arise to create custom applications intended to foster a more equitable communities using BNIA data and Open Baltimore Data. If selected for the position, you will work closely with our whole team in a collaborative, respectful environment, iterating on inclusive, human-centered and organizationally appropriate development processes. While writing code will comprise the majority of the candidate's responsibilities, the successful applicant should be involved in all aspects of the product delivery cycle, including product scoping and design. Working with lead BNIA staff, you will develop valuable relationships with our many partners in the local civic community.

### DUTIES
- Develop production ready, data driven, server side web applications and APIs
- Integrate web services with each other and with in-house applications
- Work with project staff to ensure digital services meet the needs of internal and external stakeholders and end users
- Work with a multidisciplinary team to implement clear, user interfaces for web applications using HTML, CSS, and JavaScript
- Build relationships with relevant technology networks, UB Office of Technology Services, and civic technology partners
- Assist staff and partners in improving their software development skills and other capacity building activities
- Assist in data acquisition protocols such as developing/running scripts for automated process and querying
- Assist in data management efforts such as establishing and implement standard naming conventions and preparing data for analysis on multiple platforms

### REQUIRED SKILLS
- Bachelor's degree in computer science, technology, design, engineering, or related field strongly preferred.
- Proficient in Client Side JavaScript, HTML Server Side PHP
- Proficient in open source version control, preferably using Git and GitHub
- Enterprise database experience is a bonus
- Experience in Node JS strongly preferred
- Experience performing, configuring, monitoring, and troubleshooting deployments on Platforms as a Service or Infrastructure as a Service. *Examples: Heroku, AWS*
- Experience with Linux servers in virtualized environments
- Demonstrated experience in writing clear, maintainable, sustainable, and production ready code
- Demonstrated experience in Test-Driven Development or Behavior-Driven Development

- Experience solving problems related to:
  1. Translating business requirements into features
  2. API design and resource representation
  3. Communications or social integrations, such as email, text messaging, or social media
- Demonstrated strategic and analytical capabilities, capacity for self-motivation, self-learning and meeting deadlines
- Excellent communications skills

Timeframe: This is a full time contractual position until June 30, 2017, with possibility of renewal.

Salary Range: $26 - $34 per hour

Please provide resume with 3 references and link to your GitHub profile, if you have one

Send resumes to Seema Iyer at siyer@ubalt.edu to arrange interview.

About BNIA-JFI
WHO WE ARE--Our goal is to strengthen Baltimore neighborhoods by providing meaningful, accurate, and open data at the community level. BNIA-JFI is dedicated to producing reliable and actionable quality of life indicators for Baltimore's neighborhoods. Our signature product is the annual Vital Signs provides indicators that "take the pulse" of Baltimore neighborhoods by measuring progress towards a better quality of life for all residents. For more information, visit www.bniajfi.org