



Innovator in Communities – Coding and Programming Residency – October 5 to November 30, 2014

Toronto Public Library (TPL) is launching its first Innovator in Communities (IIC) program in October 2014. The IIC program supports the Digital Innovation Hubs (DIH) at the Toronto Reference Library (TRL) and the Fort York Branch (FO). These learning and making spaces support users in the development of knowledge with digital technology.

The Digital Innovation Hubs provides access to many hardware and software tools including:

- Arduino
- Raspberry Pi
- MaKey MaKey
- Mac desktop stations and laptops
- Video and photo software and equipment

Toronto Public Library invites applicants with **extensive experience in coding and programming** to fill the role of TPL's Fall 2014 Innovator in Communities.

Qualifications:

- A minimum of 5 years of professional experience in coding and programming
- Expert knowledge and experience with coding and programming hardware and software, demonstrated through a range of experience and/or formal education
- Excellent communication skills in coaching, teaching and public speaking
- A commitment to supporting Toronto's coding and programming community and to educating and inspiring coders and programmers of all ages and skill levels
- Facility with social media in a business setting

The Innovator in Communities will have the following core responsibilities:

- Create an instructional series of programs and workshops related to coding and programming, with a focus on building employable skills
- Deliver the series in identified community spaces such as neighbourhood hubs, community centres, etc.
- Share expertise by posting on the library's Digital Design and Technology Blog

Requirements of the Program:

- An eight-week program from October 5 to November 30, 2014; 14 hours a week; flexible work schedule
- Develop an instructional series of 5 to 6 workshops that develops the learner's skills in coding/programming
- Deliver the 5-6 workshops a minimum of 3 times in different communities
- Develop and deliver at least 3 training sessions to TPL staff on coding/programming
- Write a minimum of 2 blog posts to be published on the TPL website

Remuneration: \$3,600

- TPL will be providing equipment needed to conduct the workshops i.e. laptops
- The Innovator will be responsible for their own transportation to community spaces

Location: The IIC will be based at Toronto Reference Library (789 Yonge Street) however, the workshops will be in different community spaces around Toronto.

For more information about the Digital Innovation Hubs, visit: www.tpl.ca/innovate

The IIC program is open to, but not limited to:

- Computer programmer
- Software developer
- App designer
- Web developer

Please e-mail Diana Lee (dlee@torontopubliclibrary.ca) your resume and proposal (maximum 2 pages for proposal) by Monday, September 22nd, 2014 and include:

- Relevant education and professional experience
- Summary of coaching/teaching experience
- Proposals for public programs and workshops on coding and programming, particularly with relation to employability
- Two letters of reference
- Optional: Include a sample of your coding/programming work.