Cadarackque Neighbourhood Watch

Volunteer Vacancy

Web Developer
Using Open Source cutting-edge tools

Environment:

- Python 3 Object Oriented Programming (OOP)
- Django 2 web framework
- TRAC team collaboration
- GIT file version control and change tracking
- Agile Software Development (AD)
- Test Drive Development (TDD)

Qualifications

If you're in, or recently completed, an information systems program, or are on a path towards a career in software development and you've dabbled in any of these things (all of which are free), or are interested in learning them, we'd like to hear from you.

Our Project

Cadarackque Neighbourhood Watch is a not-for-profit community organization in Ajax, Ontario. Our mission is to foster a safe, neighbourly and crime-free neighbourhood by encouraging awareness, by making it easier for neighbours to build supportive connections among themselves and by facilitating fun family gatherings.

Our intent is to minimize the administrative burden on Watch volunteers through online communication and automation of Watch activity in our Web-based system (cadwatch.ca). As well, we've built cadwatch.ca on a platform that will permit multi-tenancy, meaning we can give instances of our system to other Watches nearby, and for that matter anywhere in the World, for just a nominal hosting fee. **Get in at the ground floor. Join one of the future "flows"!**

To find out more, email: **info@cadwatch.ca**

About our Team:

The successful candidate will be working in a team of 4 volunteers following Agile principles, and be alongside an experienced professional developer willing to mentor them in these cutting-edge technologies. The other team members are the business lead and a social media advisor. Therefore, in this close-knit team of volunteers, a collaborative personality and supportive relationship style is essential. This opening is perfect for those who would get satisfaction from knowing they made a valuable contribution to their local community.

On-Boarding Approach:

Working from home, using their own computing device, the successful candidate will first orient themselves by:
1. Completing the free online Python 3 tutorial on python.org. This usually takes a week, when done full time, then…
2. Completing the free Django tutorial online

NOTE - If the candidate has some difficulty with either of these areas of study, it does <u>not</u> rule them out. Some tasks require less technical knowhow and so a slower trajectory towards competency can be accommodated, to mutual gain.

See what we've done so far by going to: www.cadwatch.ca

And get in touch at email: info@cadwatch.ca

Introducing…cadwatch.ca

Here's what users can do right now:
1) Join the Watch and set-up their own user Profile
2) Logon to our secure cadwatch.ca Website
3) Manage their own Profile, including opt-in/out flag for emails
4) Browse and read more about headlines in our scrolling news feed
5) Browse our gallery to view past gatherings and items of interest
6) Make a reservation to attend a neighbourhood gathering
7) Find a link to a commonly used Durham Region Police service
8) Find a link to a resident related Town of Ajax service
9) Receive alerts about recent neighbourhood concerns or imminent events

Here's what the Watch Administrator can do right now:

- Review Watch participant registrations for eligibility and cleanse data
- Print separate reports of participants grouped by street or postal code
- Set-up a future event with online attendance reservation feature
- Print an attendee reservation check-in report for an event
- Write content and flag for inclusion in the news feed and as the featured item
- Maintain the file of images for inclusion in the gallery
- Create and maintain system change requests (stories and tickets) online

Additional capabilities coming soon:

- List a resident's neighbourhood concern
- List or read about a service, hobby or expertise offered neighbour-to-neighbour
- Endorse a concern listed by someone else
- Poll neighbours for their view about a listed concern
- Search the "cottage market" by service type
- Rate a "cottage market" service
- Nominate someone for good neighbour recognition