

City of London - Application for Appointment to a City of London Board or Commission

Application

Please choose the Board or Commission you are interested in serving on: **Kettle Creek Conservation Authority**

Contact Information

Name: **Samjhana Thapa**

City: **London**

Province: **ON**

Postal Code: **N6B 1E1**

Experience and Qualifications

If you have experience on a London Board or Commission, please provide dates and details. (max. 3000 characters):

I do not have previous experience serving on a London Board or Commission. I am an engineering graduate and am very interested in joining the board as I believe I can make a positive impact.

What do you hope to contribute or learn as part of a Board or Commission? (max. 3000 characters):

I am an environmental and sustainable development enthusiast. I have the education and experience which could be an asset to the board.

How will you support the work of a Board or Commission? (max. 3000 characters):

Adaptability and my ability to learn quickly has been my strength. I plan to help the commission by understanding the work and taking on responsibilities.

The City of London has a commitment to Diversity and Inclusion where we foster an inclusive and supportive workplace respecting the diversity, dignity and perspectives of all. What does it mean to you to have a commitment to diversity and inclusion? Give us an example of how you have and would demonstrate that commitment further in this role. (max. 3000 characters):

Diversity and inclusion means equal opportunity to me. I myself moved to Canada as a student therefore I understand the importance of equal opportunity and diversity.

Please describe additional experience, training, or community involvement that will help you in your role as a Board or Commission Member. (max. 3000 characters):

I am a working professional and have a good understanding of workplace culture. In addition to this I also have previous volunteering experience which will be an asset.

Attach resume or other document here, if needed: **Samjhana Thapa-Resume.pdf**

Attach more files here, if needed:

Confirmations

I declare the following: **I am at least 18 years old.; I am not a City employee or Council member.**

To help inform our outreach activities, please tell us how you heard about this opportunity:
(optional): **City Website**

If you selected 'Other', please specify:

Submitted on: **4/23/2024 3:01:43 PM**

SAMJHANA THAPA

MEng, Engineer in Training (PEO)



PROFESSIONAL EXPERIENCE

Engineering Intern- Forza Corp, ON

February 2023- Present

- Inspected transportation structures-bridges and culverts as per the OSIM inspection manual, under the Local Roads Board for MTO in Northern Ontario.
- Maintained Bridge Management System (BMS) for client.
- Prepared engineering drawings for construction projects of retaining walls, bridges, and culverts.
- Prepared technical memos and cost estimates for infrastructural projects.

Engineering Intern- Tatham Engineering, ON

August 2022-Nov 2022

- Performed site inspections for various bridge rehabilitation projects mostly across northern Ontario region; all the inspections were done as per the OSIM manuals.
- Assisted with preliminary topographical survey of various sites including bridge, new subdivisions, and road rehabilitation projects; instruments like GPS, total station and Trimble SX-10 were used for data collection.
- Continuously worked on the drawings to match any changes throughout different stages of the project; all the drawings were produced using Civil 3D software.

BIM Co-Ordinator- Karwood Contracting, ON

August 2021-July 2022

- Assisted with project control and coordination of resources for construction of mid-rise apartment building; Used Autodesk Construction Cloud for coordinating multidiscipline 3D-BIM models as well as document control and management.
- Assisted in planning, establishing, and communicating project deliverables and maintaining project schedules by participating in meetings with clients, consultants, and other stakeholders.
- Successfully facilitated reality capture utilizing 360 photography for QA/QC analysis and visualization.

Junior Civil Engineer- Silt Consultants P.Ltd, Nepal

April 2017-Feb 2019

- Completed structural analysis under the supervision of senior engineers for mid-rise concrete buildings through application of engineering software's like ETABS, SAFE and SAP2000.
- Provided support in control and management of all aspects of assigned projects to achieve the clients prescribed scope; basic Microsoft applications like word and excel were used for preparing proposals, quantity estimates and other documents.

TRAININGS AND CERTIFICATES

- First Aid CPR
- Working at Heights
- Registered Engineer-in-Training

EDUCATION

Master's in Civil and Environmental Engineering- Western University, London, ON

- Research Project: Characteristic bond strength of grouted dowel connection
 - Worked collaboratively with a team of PhD students to run a variety of concrete testing experiments focused on pre-cast concrete; Developed critical thinking skills to recognize and solve unique problems that arose throughout the project; Developed load-slip and load-strain relationship using an array equipment's and techniques demanding high attention to details (E.g., applying strain gauges, LVDT, data acquisition systems, handheld mixtures)

Graduate Diploma Certificate in Construction Project Management- Fanshawe College, London, ON

Bachelor's in Civil engineering- Pokhara University, Nepal