

SHANA ROCHE

Civil Engineering Specialist, 20 years' experience
Member of the Association of Professional Engineers and Geoscientists of the
Province of Manitoba (APEGM)

12 Plant St., Winnipeg, MB R3M 6U7 Canada
Tel.: 555-555-5555

SUMMARY OF QUALIFICATIONS

- Versatile engineer (management and technical skills)
- Accomplishment of many projects
- Structure specialist
- Recognized water engineering specialist
- Excellent project and client manager

PROFESSIONAL EXPERIENCE

2011–2017 Company AAA, MB

Senior civil engineering advisor

Engineering and Design department manager:

- Site survey for the CCC library
- Building of IPRM (Identification of Permeable and Rigid Materials) database for AAA's job site managers
- Consultant:
 - For the Department of Transportation for the construction of the Saint-Justin subway station
 - For the city of Dakar in Senegal for the construction of a biomass power station
- Project management:
 - Sewers and aqueducts for Saint-Alice St. in Brandon (\$0.3M)
 - Construction of a warehouse in the FTZ zone of Winnipeg (\$0.1M)
 - Wastewater treatment infrastructure work for Thunder Bay (\$0.5M)

2006–2011 COUAC, BC

Vice-President, Mines and Energy department

- In charge of business development for Western Canada:

- Determined appropriate office locations
- Forged partnerships with architecture firms in each location
- Developed the river transportation concept between COUAC and its branches in the Canadian West
- Carried out an aluminum mine project in Alberta (\$4.5M)
 - Charted the Walter Smith mining zone
 - Set up a rock mechanics lab
 - Provided expertise and costing of work
 - Carried out and supervised the project
- Created a department specializing in structures
 - Developed and supervised work requiring expertise in structures
 - Followed up claims and legal proceedings
- Oversaw a 10-person team
 - Coordinated project activities (meetings, taking of minutes, final or provisional acceptance of work)
 - Supervised superintendents

1997-2004 KICK, QC

Concrete engineering specialist

- Tested the quality of materials
 - Used the Best-Concrete software
 - In charge of organizing cement mixer traffic on job sites
- Purchasing management
 - Checked and monitored inventory
 - Planning of needs for entire duration of job site
 - Followed up execution of work until delivery

EDUCATION

2005 – Ph.D. in structural engineering and mechanics, Blop University (USA)

1997–98 – Member of the Association of Professional Engineers and Geoscientists of the Province of Manitoba

1995 – Master's in structural engineering from the University of Manitoba (Canada)

1992 – Bachelor's in civil engineering from the University of Manitoba (Canada)

Professional qualifications

- Member of the Association of Professional Engineers and Geoscientists of the Province of Manitoba
- Member of the Canadian Society for Civil Engineering
- Member of the technical committee of the SCGC on advanced composite materials (ACM)
- Highway Association of Croatia
- Organization of Preservation of Soviet Heritage of Croatia

List of major accomplishments

- Olympic-sized pool in Brandon
- Riding Mountain National Park paths
- Red River canal bike path