



Maral Jafari, MAsc, MSc, EIT

CURRICULUM VITAE

Maral Jafari is an Engineer-in-Training in British Columbia. She holds a Master of Applied Science in Engineering from the University of Northern British Columbia (UNBC), specializing in Wood Design, and a Master of Science in Geotechnical Engineering from Kharazmi University. She brings six years of experience checking consultant engineers' structural and civil designs, performing structural design, and supervising civil infrastructure projects. Maral assists with the implementation of performance-based fire engineering analysis, Building Code compliance, and the development of alternative solutions.

SPECIALIZED EXPERTISE

- Structural Analysis
- Performance-based seismic analysis
- Earthquake and mass timber buildings
- Soil-Structure-Interaction

PROFESSIONAL EXPERIENCE

March 2023 – Present	GHL CONSULTANTS LTD , Building Code Consultants and Fire Science Engineers <i>Engineer-in-Training, Vancouver.</i>
Sep 2019 – Nov 2019	University of Northern British Columbia , Graduate research assistant, <i>Prince George, BC.</i>
June 2013 – August 2019	Mashhad Municipality , Civil Engineer, <i>Mashhad, Iran.</i>

EDUCATION

Sep 2019 – Sep 2022	Master of Applied Science (MAsc), Engineering (Wood Design) University of Northern British Columbia (UNBC), Prince George, BC <i>Thesis: Effects of ground motion duration on the seismic performance of a two-story balloon-type CLT building.</i>
Sep 2012 – Sep 2015	Master of Science (MSc), Civil Engineering- Geotechnics Kharazmi University, Tehran, Iran. <i>Thesis: Estimation of fundamental period and damping of structures supported on pile foundations considering the effects of soil-structure interaction.</i>
Sep 2012 – Sep 2015	Bachelor of Science (BSc), Civil Engineering University of Bojnord, Bojnord, Iran.

RELATED COURSES

2023	Building Code- Part 3 Course British Columbia Institute of Technology, Vancouver, BC.
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