**Evghenia (Jane) Krisanova P.Eng**

(416) 856- 6584 **|** jkrisanov@gmail.com

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| **Profile** | **An enthusiastic, self-motivated, and team-oriented Professional Engineer with extensive experience in design of the new structures and strengthening of existing buildings.** * Strong background in structural engineering (analysis, theory, and practice involving steel, concrete, masonry and wood structures), seismic engineering and assessment, retrofit and strengthening, heritage engineering, remedial design, report writing, and construction phase management.
* Proficient communication, liaising, and leadership abilities (both working independently and as part of teams). Proven ability to establish a positive rapport with clients, colleagues, superiors, and other professionals. Broad experience managing performance while leading project teams, as well as mentoring and training junior engineers.
* Advanced user of SAP2000, AutoCad, Revit, BlueBeam, MathCad, and Microsoft Office Suite (Word, Excel). Maintain a large library of technical publications, and have own program to teach young engineers.
* **Security Clearances:** Secret (Government of Canada); Valid Criminal Record Background Check (Toronto Police).
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**Education**

**Odessa Civil Engineering University** | Ukraine

 *Structural Engineering*

**Experience**

**Senior Structural Engineer** | Ojdrovic Engineering Inc. (Toronto, ON) 2004- Present

* Lead project teams in the design and strengthening of existing buildings. Prepare technical specifications and reports, and provide technical engineering support and advice. Ensure that deadlines are met while continually monitoring project budgets and changes within scopes of work.
* Maintain a strong working knowledge of all Canadian building codes and standards, as well as American codes and standards including IBC, IEBC, ACI, AISC, AWC, ASCE7, and ASCE41. Review designs for code compliance, best practises, constructability, and technical accuracy.
* Mentor new engineers, with a particular focus on structural analysis and design.
* Completed work on major projects, including the Supreme Court of Canada, Parliament Hill (East Block and West Block), Langevin Building, the Peel Art Gallery, and other notable buildings in Toronto and Ottawa.

**Structural Engineer** | Structural Building Engineering (Mississauga, ON) 2002- 2004

**Structural Designer** | G.K. Design Inc. (Toronto, ON) 2001- 2002

**CAD Designer/ Drafter** | Precise Detailing Inc. (Brampton, ON) 2000- 2001

**Engineer/ Senior Engineer/ Lead Engineer/ Group Head/ Department Chief** | INDUSTRIALPROJECT (Moldova) 1980-2000

**Project Experience (Recent)**

* **Existing Buildings**
	+ **Supreme Court of Canada (Ottawa)-** seismic assessment, research, 3D finite element linear static and dynamic analysis, design, report, and quality control.
	+ **Langevin Building (Ottawa)-** seismic assessment, evaluation of exterior walls, analysis, and report.
	+ **Parliament: East Block Rehabilitation (Ottawa)-** structural and seismic assessment ($72.9M project).
	+ **Parliament: West Block Rehabilitation (Ottawa)-** major renovations, structural/ seismic assessment ($300M). Seismic Strengthening Feasibility Study, heritage building analysis (peer reviewed and currently used as a guideline for similar projects).
	+ **Parliament: West Block Tower Rehabilitation (Ottawa)-** structural and seismic assessment ($6.2M).
	+ **Peel Art Gallery- Museum and Archives (Brampton)-** redevelopment, heritage engineering, structural design of expansion, supervision of construction, structural and seismic assessment ($14M).
	+ **TDSB: Design of structural strengthening and renovation of number of schools.**
	+ **City of Toronto***:* Additions, structural upgrades of Long-Term Care Homes and Services.
* **New Buildings**
	+ **Parliament: West Block Courtyard Structure (Ottawa)-** designed an unusual structure to be built within the courtyard created by existing building wings. Conducted linear and non-linear analyses. Worked as the Senior structural engineer responsible for research, 3D finite element linear static and non-linear dynamic analyses, as well as design, report, and quality control.
	+ **TDSB: Meadowvale School, number of additions.**
	+ **Barsaumo Syriac Orthodox Church.**

**Certifications, Training, and Professional Development**

* **Course Completions- Structural Design and Structural Analysis,** *University of Toronto*
* **Course Completions- Earthquake Engineering and Seismic Design (C. Christopolous),** *University of Toronto*

**Team Awards and Recognition**

* **CISC** **Award of Merit**- West Block Rehabilitation Project, Courtyard Infill of the West Block on Parliament Hill (Ottawa)
* **People's Choice Award-** Peel Art Gallery, Museum and Archives (Brampton); Brampton Urban Design Award (2012)
* **Best Central Area Project**- Peel Art Gallery, Museum and Archives, (Brampton); Brampton Urban Design Award (2012)
* **Preservation of a Heritage Building Award**- West Block South-East Tower (Ottawa); CAHP (2010)

**Professional Affiliations**

* **Professional Engineers of Ontario**
* **Canadian Association of Earthquake Engineers**
* **American Society of Civil Engineers**
* **American Institute of Steel Construction**
* **American Concrete Institute**
* **American Wood Council**
* **International Association for Bridge and Structural Engineering**

**Publications**

* 12th Canadian Masonry Symposium, Seismic Analysis of The West Block Parliament Building In Ottawa – Challenges and Approach, 2013. J. Krisanova, N. Ojdrovic, Svetlana Brzev.