

Tetiana Cheremakhina

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Structural engineering | AutoCAD drafting | Steel and reinforced concrete structures | Restorations |

Master's degree in Civil engineering, major in Structural engineering, enthusiastic achiever with a solid background in steel, reinforced concrete and wood structures, restoration, AutoCAD drafting. Has 10 years of progressive professional experience in a variety of residential and public building projects. Highly skilled in finding sound solutions to complex structural issues. Working on getting familiar with the National Building Code and Alberta Building Code. In addition to structural engineering roles, has had additional duties as a AutoCAD drafting associate.

CORE COMPETENCIES AND ACHIEVEMENTS

- **Advanced knowledge of steel, reinforced concrete and wood structures.**
- **Expert on complex building solutions, structural engineering design development and design review**
- **Keen Attention to Detail.** Accurate, reliable, and diligent. Always complete projects/tasks within budgets and schedules. Can handle any ongoing challenges with strong organizational skills.
- **Systems Utilization and Technology Skills.** Proficient use of Windows, AutoCAD, SketchUp, well versed with MS Office Suite (Word, Excel, PowerPoint). Working knowledge of Revit.

PROFESSIONAL EXPERIENCE

Team Leader

Dollarama, Regina, SK

11/2017 – 09/2019

Manage and lead a team of employees. Communicate company goals, safety practices, and deadlines to team. Motivate team members and assess performance. Provide help to management, including hiring and training, and keep management updated on team performance. Communicate concerns and policies among management and team members.

Chief Structural Engineer

Architectural group Kvartal, Odessa, Ukraine

07/2014 – 06/2017

Determined project requirements, developed construction specifications and procedures. Evaluated and recommended appropriate building and construction materials. Interpreted, reviewed and approved survey and civil design work. Ensured construction plans meet guidelines and specifications of building codes and other regulations. Established and monitored construction work schedules. Conducted technical analyses of survey and field data for development of topographic, soil, hydrological or other information and prepare reports. Supervised land survey or construction work, supervised technicians, technologists and other engineers and reviewed and approved designs, calculations, and cost estimates

Achievements

- Led a team of 5 people,
- increased the number of finished projects by 50% - on average 2-3 simultaneous projects being finished within 2-3 months (instead of former 1-2 projects),
- in 3 years of employment closed 100% of projects by the set deadline,
- responsible for a complex restoration project that involved on-spot decision-making based on the discovered state of the structural elements and directing workers accordingly,
- clients were allowed unlimited changes to the projects throughout the development and even throughout the construction process, had to adapt to every new request quickly and change a construction process already started according to the clients requests.

Head Structural engineer**Construction group Grandstyle, Odessa, Ukraine****11/2011 – 05/2014**

Ensured construction plans meet guidelines and specifications of building codes and other regulations. Evaluated and recommended appropriate building and construction materials. Established and monitored construction work schedules. Conducted technical analyses of survey and field data for development of topographic, soil, hydrological or other information and prepared reports. Supervised technicians, technologists and other engineers, reviewed and approved designs, calculations, and cost estimates.

Achievements

- Worked on very contrasting projects, mostly public buildings that required the ability to quickly research and study different building standards and regulations to apply them correctly to schools, hospitals etc. Most of the orders were governmental.
- Managed a team of 10-12 people, cooperating with head engineers of other teams planning and distributing our workforce to successfully complete 2-3 simultaneous projects by the set deadlines.
- Successful restoration of the buildings of “City Clinical Infectious Hospital“ (322,917.31 ft²)

Lead Structural engineering specialist**Building group Stroitel'naya, Odessa, Ukraine****11/2008 – 10/2011**

Evaluated and recommended appropriate building and construction materials. Ensured construction plans met guidelines and specifications of building codes and other regulations. Established and monitored construction work schedules. Conduct technical analyses of survey and field data for development of topographic, soil, hydrological or other information and prepare reports. Supervised technicians, technologists and other engineers; reviewed and approved designs, calculations, and cost estimates.

Achievements

- Project development went in parallel with the construction, needed to be prepared and ready to put project on hold to solve construction issues, then return to the project,
- needed to be ready to change project during the construction phase and adapt it to the actual situation,
- the project that this group was founded specifically for was The Chernomorets stadium, initially supposed to have a capacity of 54,000 people but after a year of construction, the plan was suddenly changed, and the project had to be adapted to a capacity of 31,000 people.

Structural engineer in-training**Odessa Engineering Scientific Research Institute****08/2006 – 11/2008**

Designed drawings and calculations of constructions under the direction of the Chief civil engineer. Worked with developing experimental buildings, learned how to find universal solutions to be applied to many different buildings as well as develop original solutions.

EDUCATION AND TRAINING**Odessa State Academy of Civil Engineering and Architecture, Odessa, Ukraine -**

M.Sc. in Civil engineering, major in Structural engineering

2005 - 2006

B.Sc. in Civil engineering, major in Structural engineering

2001 - 2005**LANGUAGES**

Ukrainian and Russian – native bilingual

English - Intermediate