

3D AutoCAD Draftsman

Location: Sydney, NS

Term: Full Time, Permanent

About Advanced Glazings Ltd.

At Advanced Glazings Ltd., we're dedicated to empowering architects, designers, owners, and engineers to create better buildings for humans. Our mission is to craft spaces that are not only exciting to be in and around but also enhance their communities while delivering exceptional value for owners. Our Solera® glass solutions seamlessly blend natural daylight with thermal insulation, enabling designs that connect people to nature without compromising on comfort. By effectively controlling glare and solar heat gain, we make it possible to maximize the benefits of natural light and create environments where people thrive.

The Role

To take drawings from architects and run daylight model simulation software to produce 3D renderings and visualizations. With the sole purpose of creating a model (s) that will visually demonstrate and sell the impact natural daylight will have on a building, interior spaces and the communities in which the buildings are built.

You'll prepare reports, and work with the sales team to present these simulations/renderings to architects, who will use them to optimize their buildings.

What You'll Do

- Use AutoCAD and daylight simulation software to optimize the use of natural light in buildings, balancing aesthetics, functionality, and sustainability.
- Predict glare, manage solar heat gain, and ensure buildings stay connected to nature without sacrificing comfort or energy efficiency.
- Work closely with architects, engineers, and our sales team to integrate light-diffusing solutions that meet diverse project needs.
- Minimize artificial lighting to lower energy consumption and carbon emissions, supporting green certifications like LEED and WELL.
- Contribute to designs that prioritize occupant well-being, productivity, and connection to natural light.

What We're Looking For

- Are you early in your career or a recent graduate from University or Community College with great attitude and aptitude and work experience with 3D modelling software?
- You have an interest in and possibly, but necessarily, training in architecture
- You like efficiency and process
- We will train given great aptitude and attitude. Experience is an asset.
- Experience with **sustainability principles** or **LEED certification as an asset**.

- A results-oriented mindset with a focus on productivity, initiative, and simplicity.
- Curiosity and creativity to explore innovative solutions for daylight design.

Why Join Us?

At Advanced Glazings Ltd., we're not just about glazing; we're about creating better buildings for people, communities, and the planet. We offer:

- A chance to work on projects that inspire and transform, blending creativity with cutting-edge technology.
- A collaborative environment where your ideas and contributions make a meaningful impact.
- A culture that values innovation, teamwork, and exceptional customer experiences.
- A competitive compensation package, including comprehensive health and insurance benefits. Total Compensation package 46k-54K depending on experience.

How to Apply

Email your resume and cover letter to michelle@advancedglazings.com (please specify "3D AutoCAD Draftsman" in the subject line).

We thank all those who are interested in advance for applying for this position, however, only those selected for an interview will be contacted.

To learn more about the company, visit <http://www.advancedglazings.com>

Join us in creating spaces that shine—literally and figuratively. Together, let's shape a brighter, more connected world.
