



QD Solar is an early-stage, well-funded, fast-moving company commercializing cutting-edge quantum dot (QD) solar cell technology out of Professor Ted Sargent's lab at the University of Toronto. Our mission is to become a world leading provider of photovoltaic (PV) products. Our new solar technology captures the energy in regions of the sun's infrared spectrum which silicon cells cannot harvest. Low-cost manufactured infrared solar cells will integrate with conventional silicon solar cells to increase the total power generated by these hybrid solar panels by more than 20%. Our core technology is based on nanometer-sized semiconductor particles which are processed from solution, are compatible with high-throughput, cost-effective roll-to-roll processing technologies. Our colloidally stable quantum dots are inorganic thus inherently more light- and air-stable than polymers.

QD Solar is seeking driven, passionate, self-motivated and enthusiastic R&D team members to join us as we bring our game-changing solar technology to market. Our R&D team is located in the heart of Toronto, Ontario, Canada. Candidates must be legally eligible to work in Canada. Interested candidates are encouraged to send a full CV and a list of at least 3 professional references to careers@qdsolarcinc.com.

QD Solar Solar Cell Fabrication Expert

We are looking for a dynamic Solar Cell Fabrication Expert with outstanding technical skills, work ethic and ingenuity to join the core of our team and help build the future of solar technology

Responsibilities:

- You will join our R&D team to assist in the development of the hybrid solar technology.
- Your duties in the team will be to assist in the fabrication and characterization of the solution-based solar cells. Tasks include performing colloidal quantum dot synthesis, preparation of materials and solutions, fabrication of solar cell devices, solar cell testing, keeping inventory, and general maintenance of the labs.

Requirements:

- At a minimum you have a College Diploma in chemical engineering; a BSc in chemistry, chemical engineering, electrical engineering, or related fields is preferred.
- You have 5+ years industry experience working in wet labs. Experience in the solar industry is considered a strong asset.
- You have strong communications skills; you are assertive with critical thinking; you are a team player being to work independently and collaboratively inside a fast-moving environment.