

Job Title: **Prototyping Engineer (45 €/h)**

### **Company Overview:**

Redeem Solar Technologies is a forward-thinking start-up at the forefront of innovation in photochemical technologies. Our mission is to design cutting-edge solutions that address industry challenges while driving sustainable practices. Join our dynamic team and contribute to transformative advancements in the field!

### **Job Description:**

We are seeking a highly skilled **Prototyping Engineer** with expertise in prototyping and a solid background in the design of both divided and undivided electrochemical cells. The ideal candidate will have hands-on experience with **Fusion 360**, production-ready 2D and 3D drawing generation, and communication with machine shops to ensure precision and quality.

### **Key Responsibilities:**

- Design and develop prototypes of parts using **Fusion 360** or other CAD programs
- Generate detailed **2D and 3D drawings** for production, ensuring accuracy and clarity for manufacturing.
- Select appropriate production methods and define tolerances to ensure design feasibility and functionality.
- Communicate with machine shops to discuss production requirements, address technical challenges.
- Develop detailed technical documentation, including CAD models, drawings, and manufacturing guidelines.

### **Qualifications:**

- Bachelor's or Master's degree in Mechanical Engineering or a related field.
- Proven proficiency in a **CAD software** for 3D modeling, simulation, and prototyping.
- Demonstrated ability to produce **production-ready 2D and 3D drawings** with a strong understanding of tolerances and manufacturing processes.
- Experience selecting appropriate production methods, such as CNC machining, laser cutting...
- Experience designing and working with (photo)**electrochemical cells** (divided and undivided) is not mandatory but is a plus
- Strong communication skills with machine shops and other stakeholders.
- Knowledge of materials, fluid dynamics, and manufacturing processes related to electrochemical systems.
- Excellent problem-solving skills and the ability to work in a collaborative, multidisciplinary environment.

### **Why Join Us?**

- Work on innovative projects at the cutting edge of chemical technology.
- Collaborate with a passionate and talented team.
- Competitive salary and benefits package.
- Opportunities for professional growth and development.
- Ability to work from home, and flexible hours, part time is available

### **Application Process:**

If you meet the qualifications and are excited about the prospect of joining our team, please submit your resume and a cover letter to: [Office@redeemtechnologies.com](mailto:Office@redeemtechnologies.com)