

LETTER OF RECOMMENDATION



To Whom it May Concern,

I am sending this letter for the purpose of an R&D internship evaluation. I had the honor of mentoring and supervising Varad Lad, Masters in Mechanical Engineering, during his R&D internship at Rayn Innovations from January 2024 – May 2024. He is diligent, enthusiastic, and always ready to take on new challenges. He has quite a bit of experience in the Solar and Battery field, and overcame all challenges he has faced within his project.

His duties included, but were not limited to the following;

- Conduct routine and non-routine chemical analysis of materials and product developments, strictly adhering to provided safety precautions, procedures and training
- Document and report all experimental and test results in a well-maintained laboratory notebook
- Identify processing problems or areas of improvement and recommend solutions
- Edited and contributed to proposals

His primary duty was to research and develop a design of experiments (DOE) for aluminum doped zinc oxide (AZO) thin films for various photovoltaic applications. He went through many processing iterations and successfully developed a working chemical process for AZO deposition. He also assisted in characterizing these films for further study and quality control by characterizing these materials.

Varad has accomplished all his deliverables agreed upon at the start of his internship. His last deliverable is sending a report outlining the experimental procedures and the characterization analysis.

Regards,

A handwritten signature in black ink that reads "Nicole Ray".

Nicole Ray

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