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| **Camera Image Quality Intern** |
| **Job Title** | Fall 2021 College Intern | **Division/Department** | Electrical Hardware |
| **Reports to:** | Elaine Jin | **# Direct Reports** |   |
| **Job Code:** | **Shift:**  | Full Time □Part Time □  | Exempt □Non-Exempt □ |
| About Rivian | Rivian is building a new kind of car company. Our vehicles and technology are designed and engineered to challenge what’s possible and to inspire people to explore the world in new ways.We believe in the power of adventure. While a vehicle can’t make someone adventurous, it can nurture that fundamental desire in each of us to go places we’ve never been and do things we’ve never done – thoughtfully and sustainably. |
| Job Summary | * Support Perception Systems Group in evaluating image sensors, camera lens, and prototype camera modules
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| Job Responsibilities*This job description is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities that are required of the employee.* | * Develop image quality test metrics/protocols for camera image quality evaluation
* Perform lab image quality evaluation on camera lenses, sensors, and modules
* Develop test automation using Matlab or Python
* Develop image quality test plans and complete the test reports
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| Job Qualifications/Skills | * Familiar with fundamentals of color sciences, image sciences, and optics
* Good programming skills in Matlab or Python
* Excellent communication skills in oral and written English
* Self-driven, displaying initiative with minimal supervision
* Patience, kindness, self-control, confidently centered around a positive mental attitude
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| Educational Requirements | * Bachelor or Master students working towards an engineering degree
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| Physical Requirements | * None
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| *Rivian is committed to an inclusive and diverse workplace. Rivian is an equal opportunity employer and does not discriminate on the basis of race, national origin, gender, gender identity, sexual orientation, protected veteran status, disability, age, or other legally protected status. For individuals with disabilities who would like to request an accommodation, please visit: Include Rivian’s link.**Candidates for positions with Rivian Automotive must be legally authorized to work in the United States on a permanent basis. Verification of employment eligibility will be required at the time of hire.* |

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| Date Created:  | Date Reviewed: | Date Approved: | Approved by: |