Autonomous Driving Systems Engineer

OPPORTUNITY

Ainira Industries is currently seeking applicants for a Autonomous Driving Systems Engineer in Melbourne, Australia. The ideal candidate will be a focused, capable problem solver who is comfortable tackling complicated, challenging projects. Must be comfortable working alone or as part of a large team.

JOB DESCRIPTION

The Systems Engineer will perform multiple duties centred on our autonomous driving and sensor product, including research and system characterisation.

RESPONSIBILITIES

- Experience designing and carrying out experiments, analysing the data and drawing conclusions
- Extensive hands on experience with optical systems, capable of optical system alignment, critical analysis, troubleshooting, testing, and representation
- Practical knowledge of optical and electro-optical components, optical design considerations
- Ability to comprehensively research, understand and report on new concepts and technologies

SKILLS AND ABILITIES

- BS or MS (preferable) in Physics, Electrical Engineering, Optics or other relevant field
- Ability of working with Matlab, Python, C++ or other language for data analysis
- Able to understand and design mathematical models of current and potential products
- Experience with SolidWorks, Zemax, LabView preferred
- High standards for code quality, maintainability, and performance
- Travel availability, domestic and international up to 25% of the time

COMPENSATION

Company offers competitive compensation and benefits package.

APPLY

Click "Apply" below or use form in the Contact section – quote the reference number HR-EVS-0027. Only the shortlisted candidates will be contacted. Thank you for your interest.