

## Intern Wind Engineer/Turbine Engineer (Two Positions)

### The WindScape Institute, Canberra

#### About Windlab & the WindScape Institute

([www.windlab.com](http://www.windlab.com))

Windlab Limited is a global wind energy development company established to commercialise world-leading atmospheric modelling and wind mapping technology developed at Australia's CSIRO. With these advanced tools Windlab is able to remotely locate and validate new, highly prospective wind energy sites rapidly and accurately.

Together with our staff, Windlab has played a foundation role in the development of the wind industry both in Australia and South Africa. Our achievements have been recognised by many awards, most recently at the 2014 ACT Chief Minister's Exporter of the Year award in the Environmental Solutions category.

Windlab is actively developing more than 50 renewable energy sites, totalling more than 7,000MW of capacity and Windlab developed projects are expected to start construction in Australia, Canada, South Africa and the United States over the next 12-18 months.

*WindScape*® is a registered trademark, Windlab's advanced wind assessment model is known as *WindScape* HDSM (Hybrid Deterministic Statistical Model) and our wind mapping and prospecting processes are called *WindScape*. The WindScape Institute at Windlab has exclusive global ownership and usage rights for these systems and models.

#### Applications

A short covering letter and CV addressing the selection criteria should be sent to:

[recruitment@windlab.com](mailto:recruitment@windlab.com)

Early application is encouraged as applications will be considered on as-received basis. It is expected that positions would be filled by mid-late January. Preferred start date and working hours should be stated in the application.

Windlab will prefer candidates who are able to start in mid-late January and can undertake a minimum of 2 days per week; however, Windlab appreciates that flexibility is required dependent on each student's study commitments.

Previous interns at Windlab have gone onto a diverse range of roles at Windlab or elsewhere in the renewables industry. These include community engagement, project development, project management, wind turbine technical sales, wind resource assessment and computational fluid dynamics. Windlab has recently established its Global Operations Hub in Canberra which may introduce further career opportunities for interns that excel in the program.

Level 4  
60 Marcus Clarke St.  
Canberra, ACT 2601  
AUSTRALIA

Unit 3, Demar Square  
45 Bell Crescent Road  
Westlake 7945  
SOUTH AFRICA

927 Wing Street  
Plymouth  
Michigan 48170  
USA

1<sup>st</sup> Floor, Acacia Estates  
Kinondoni Road  
Dar es Salaam  
TANZANIA

## About the Internship Program

Windlab is seeking two science, technology, engineering or mathematics (STEM) undergraduates (or recent graduates) for internship positions at our global headquarters in Canberra.

The WindScope (technical services) team is responsible for managing and running atmospheric models as well as supplying a range of other technical services to our project development teams in Canberra, Cape Town, Dar es Salaam and Plymouth (United States). Important decisions rest on the team's analysis so technical excellence, timeliness and good communication are essential.

The role would last 3-6 months and is expected to commence between January and early February 2015 and be complete by June 2015. Interns are generally engaged on work of immediate importance to Windlab's global business activities. Examples include:

- Wind prospecting and site origination
- Liaising with Canberra and overseas staff on site-selection criteria
- Identifying a portfolio of sites for further investigation by local development teams
- Wind data analysis
- Energy assessment and technical due-diligence
- Operational turbine data analysis
- Operational engineering and maintenance strategies

### Selection Criteria:

- A Strong academic record in Science, Engineering or IT;
- Strong capability in communicating technical concepts;
- A commitment to excellence with an eye for detail;
- Willingness to support a small, skilled and highly focused team;
- Common sense and an interest in using applied science and mechanics to deliver real-world solutions;
- A keen interest in clean energy and global markets;
- Ability to legally work in Australia;

### Intern Benefits:

- Train within a respected Canberra company
- Train in renewable energy
- Help initiate new projects in growth markets where new forms of energy and electricity are much needed
- Be part of the global energy change solution
- All internships are paid positions

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