

## Analyst Intern

Nov 2022 – Feb 2023

### About this role

As an Analyst Intern on the Forecasting Team, you'll be primarily responsible for developing solar generation forecasts for power markets in New Zealand, Australia, Japan, India, Singapore, Malaysia, South Korea and the Philippines. You'll participate in a broad range of activities and become a subject matter expert in the energy industry, including processing and managing data, building new models for renewable energy forecasting.

### Required Qualifications

- Completing a degree in an analytical field including but not limited to Economics, Mathematics, Engineering, Data Science or Statistics
- Knowledge of statistical principles and modelling
- Familiarity with statistical software packages, e.g., R, Python, etc.
- Motivated work ethic
- Strong research and analytical skills
- Fluency in English, with strong writing and presentation skills

### Preferred Qualifications

- Working knowledge of APIs, handling JSON and other data formats
- Experience developing machine learning/statistical models
- Knowledge of database design and query concepts in SQL
- Working knowledge of Japanese would be considered a plus

### About TESLA

The TESLA group of companies, with offices in NZ, US, and the UK, specialize in building econometric forecasting models for electric and gas utilities worldwide. Utility companies rely heavily on accurate forecasts to influence their generation, transmission, distribution and retail portfolio decisions. TESLA Asia Pacific Ltd. provides those forecasts to power utilities across Asia Pacific, along with a host of additional tools, to help utilities and energy traders make these critical decisions. We are a small and dynamic team with a global reach. With the onset of climate change, uptake in EV usage and renewable energy, the energy sector is rapidly evolving. This presents a unique opportunity to improve and create new models using data science.

We support flexible working with hybrid work from home arrangements.



### **What we do when we are not Forecasting?**

Play table tennis like the Olympics finals, check out Ponsonby restaurants and sample local craft beers and cocktails. Most of us cycle to work and we are proud winners of the Auckland Bike Challenge 2019.

### **Remuneration details**

Ten-week paid internship at \$23.65 an hour (\$10,879 including GST).

### **How to apply?**

Please send a CV, cover letter and academic transcript to [hchen@teslaforecast.com](mailto:hchen@teslaforecast.com).

