**Analyst Intern**                                                                 **Nov 2023 – Feb 2024**

### About this role

As an Analyst Intern on the Forecasting Team, you'll be primarily responsible for developing wind generation forecasts for power markets in New Zealand, Japan, and the Philippines.  You will also have the chance to work on solar generation models and contribute to Generative AI for documentation purposes. Engaging in a diverse range of activities, you will become a subject matter expert in the energy industry, involving tasks such as processing and managing data, as well as constructing 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.
- Experience developing machine learning/statistical models.
- 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
- 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.

**Renumeration details**

Ten-week paid internship at $26.00 an hour ($11,960 including GST).

**How to apply?**

Please send a CV, cover letter and academic transcript to hchen@teslaforecast.com.