

Timothy Owens  
2115 South Wood St. Apt 1N  
Chicago, IL 60608  
215-407-7188  
[timowens9@gmail.com](mailto:timowens9@gmail.com)

## Education

Penn State University, State College, PA  
Bachelor of Science in Information Science and Technology. Expected Graduation May 2018

- GPA: 3.24 /4.0
- Relevant Coursework – Object Oriented Programming, Java, C#, Big Data, HTML/ CSS

## Experience

### *Met Technologist*

*June 2015 – August, 2016, Acciona Energy, Chicago, IL 60603*

- Managed active construction projects, including evaluation and selection of contractors and forming timeline and project development plan.
- Supervision of onsite contractors on construction projects
- Conducted job safety analysis and trainings
- Data
- Researched and wrote technical reports pertaining to geospatial analysis

### *Met Tower Field Engineer / Analyst*

*August 2014 –May 2015, Everpower Wind Holdings, Pittsburgh, PA 15222*

- Responsible for the planning and implementation of Metrological data measurement campaigns for both development and operational wind farms.
- Ensured valid data transfer between wind plant operations, commercial energy trading and utilities such as PJM, MISO, NYISO, and CAISO.
- Developed, implemented and advanced data validation algorithms to ensure proper data capture, and treatment.
- Collaborated with plant operations team to analyze and accurately report SCADA data to business and commercial groups.
- Design and insure proper scientific data instrumentation and telemetry for both development and operational wind farms.

### *Data Analyst*

*September 2007- March 2012, Iberdrola Renewables, Radnor PA. 19187*

- Assisted in the hiring process of meteorological personnel during a period of rapid internal growth
- Performed statistical analysis of wind data derived from tower measurements.
- Analyzed and evaluated wind turbine SCADA data for plant performance optimization.
- Oversaw data collection and engaged in analysis of remotely sensed data from SODAR and LIDAR platforms.
- Managed meteorological tower, and measurement campaigns on a daily basis. Including contractors used for installation, maintenance, and decommissioning.

- Developed and compiled quality control software for visual data inspection and flagging.

**Technical Skills**

*Proficient in these programming languages:* Matlab, R, Java, C#, PHP, Python, Unit testing

*Experience with database development using:* Oracle, SAP, SQL, MySQL, PostgreSQL,

*Skill with drafting and mapping software:* MapInfo, ESRI ArcGIS, ArcPad, Trimble GPS, Google Earth

*Familiarity with many operating systems including:* Windows, Mac OS, Ubuntu Linux

*Proficient with all standard office computer packages including:* Microsoft Office, Open Office, Libre Office and Microsoft Project