QUALIFICATIONS SUMMARY

Experience with member driven data science non-profits focused on accelerating innovation and discovery through management of open data ecosystems and standards in predictive analytics. Fast learner, problem solver with diverse experiences in data science, open data, nonprofits and music. Works independently as well as in a team setting, adapts quickly based on project requirements

SKILLS

**Code:**

* R
* Python
* SQL
* Jupyter Notebooks & R Markdown

**Resources:**

* AWS / GCP
* OpenStack / Ceph
* Hadoop / Spark

**Data:**

* Statistics / Probability
* Visualization
* Predictive Modeling
* RecSys, NLP
* Acquisition, Munging, and Management

**Other:**

* Open Data
* Data Governance
* Project Management
* Nonprofit Management

ADDITIONAL EXPERIENCE

**Administrator – Cause Effective**  
*Aug 2004– Apr 2012*

NYC nonprofit focused on resource development.

**Independent Professional Musician**

*Jan. 2003 – Present*

Musician / Composer / Film-Score / Co-Founder Jones Street Station, LLC.

**Walt Wells**

Data Science Portfolio: [wwells.github.io](https://wwells.github.io/)

646.515.7882 walt.p.wells@gmail.com

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**OBJECTIVE:**

To obtain a position that would allow me to implement my data science skills and experience with open data to solve challenging problems and advance company goals.

**EDUCATION:**

*CUNY*

**Master of Science in Data Science** – *Aug. 2018*

*Indiana University*

**Bachelor of Arts in Ethnomusicology and Folklore** – *Dec. 2001*

**EXPERIENCE**

*Center for Computational Science Research*

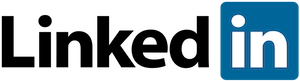
**Director of Operations / Data Science –** *Feb. 2015 – Present*

* Managed stakeholders for data science 501c3 that operates the Open Commons Consortium, BloodPAC, and the Data Mining Group.
* Facilitate relationships with NASA and NOAA to openly redistribute satellite data.
* Release and community manager for PMML and PFA, standards in predictive analytic deployment.
* Community and development manager for petabyte scale science clouds.
* Organized Data Group, Data Experience, and Data Modeler working groups for national scale liquid biopsy data sharing project.
* BI analysis and data modeling for allocating available community resources.
* Governance for data contribution, data access, authentication and authorization for multiple major projects.

**Operations Manager -** April 2012 **–** *Feb. 2015*

**PUBLICATIONS**

* The Matsu Wheel: a reanalysis framework for Earth satellite imagery in data commons (Maria T. Patterson, Robert L. Grossman, Vuong Ly, Daniel J. Mandl, Walt Wells, et all) *International Journal of Data Science and Analytics, 2017*
* Collaborating to Compete: Blood Profiling Atlas in Cancer (BloodPAC) Consortium (Robert L. Grossman, Lauren Leiman, Walt Wells, et all), *Clinical Pharmacology and Therapeutics, 2017*
* The OCC NOAA Data Commons: First Year Experiences (Zach Flamig, Robert L. Grossman, Maria T. Patterson, Walt Wells), *AMS Companion, 2017 - Conference*
* A Case for Data Commons: Towards Science as a Service (Robert L. Grossman, Allison Heath, Mark Murphy, Maria T. Patterson, Walt Wells), *IEEE CISE, 2016*
* The Matsu Wheel: A Cloud-based Framework for Efficient Analysis and Reanalysis of Earth Satellite Imagery (Robert L. Grossman, Maria T. Patterson, Matthew Handy, Vuong Ly, Ray Powell, Collin Bennett, Daniel J. Mandl, Walt Wells, James Pivarski), *IEEE Big Data Service 2016*
* The Design of a Community Science Cloud: The Open Science Data Cloud Perspective (Robert L Grossman, Matthew Greenway, Allison P Heath, Ray Powell, Walt Wells, Kevin White, Malcolm Atkinson, Joe J Mambretti, et all), *High Performance Computing, Networking, Storage and Analysis (SCC), 2012 SC Companion*



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