

# J. Howard, Data Scientist

Portfolio — [justhow.info](http://justhow.info) || [Linktr.ee](http://linktr.ee) — <https://linktr.ee/justhow333> || 347-369-4674 || [howard.ju@gmail.com](mailto:howard.ju@gmail.com)

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I can be your guide in navigating the ever-expanding empire of our digital society. Using my expertise in data science, and my passion for research and analysis, I seek to ensure the human, empathetic element and the power of digital computation keep each other firmly in sight and exist in symbiosis, not conflict.

## Technical Skills & Proficiencies

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**Technologies:** Python | SQL | Tableau | Spark | HTML5 | CSS3 | Flask | Github | WordPress | LAMP

**Skills:** Web Scraping | Data Cleaning | Supervised and Unsupervised Machine Learning (ML) | Predictive Modeling | Time Series Modeling/Forecasting | Data Visualization | Data Analysis | Writing

**Python libraries:** Pandas | NumPy | SciPy | Matplotlib | Seaborn | Scikit-learn | nltk | Keras | TensorFlow

## Projects

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### Ames, Iowa Housing

Used Logistic Regression to predict the sale prices of homes with real estate data.

### Reddit Text Classification

Trained Random Forest model to distinguish r/AskHistorians text from r/HistoricalWhatIf.

### Global Protest Movements

Used multiple models including Neural Networks to predict protest success.

## Relevant Experience

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### Student

*General Assembly // Dec 2020 — Mar 2021*

- 40 hours a week in-class + 20-30 self-directed coursework
- 6 major data science projects

### Web Developer

*as J. Howard Consulting // July 2012 — Present*

- Created WordPress custom themes to spec provided by clients.
- Facilitated org. discussions re: web strategy and site architecture.
- Managed as many as three subcontractors through various projects
- Provided written guides and training in use of WordPress to end-users.

### IT & Network Specialist

*Sundog Solar, LLC // Nov 2017 — Mar 2020*

- Support office, field techs, and customers with technical challenges.
- Developed and implemented Ops procedures, including management of inventory and sales, contract, installation and billing pipeline, using Copper and Trello, while supporting same.
- Training and onboarding new people with various tools, particularly Trello.

### Marketing & Membership Administrator

*Belfast Co-op // July 2015 — Nov 2017*

- Organize and maintain Owner records, process invoices and payments for ownership shares.
- Strategize based on data from sales, membership records, customer feedback, and analytics.
- Update website, social media, 3-4 email blasts monthly, bi-monthly print newsletter, and in-store signage.
- Create graphical materials for print, web, and social media using Adobe Creative Suite

### Web Publisher

*Human Rights First // Oct 2009 — July 2012*

- Implemented and customized WordPress CRM on existing site, importing all content.

## Education

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**Certificate, Data Science Immersive**

*General Assembly, Remote // Dec 2020 — Mar 2021*

**B.A., Drama, English**

*Vassar College, Poughkeepsie, NY // Aug 2003 — May 2007*