

# Audrey Maldonado

audrey.maldonado@gmail.com • linkedin.com/in/audrey-maldonado • github.com/Adorism

## TECHNICAL SKILLS

**Data Science:** Exploratory Data Analysis, ETL, Machine Learning, AI, Modeling (Linear, Logistic, Random Forest), Regularization (Ridge, Lasso), Unsupervised (Clustering), Natural Language Processing, Image Recognition, Neural Networks, Feature Engineering, Data Cleaning, Cloud Services (AWS, Google Cloud), Database Management

**Programming and Analysis:** Python (Numpy, Pandas, Matplotlib, Scikit-learn), R, SQL (PostgreSQL), ElasticSearch, YAML, Docker, MongoDB, Linux (Ubuntu, Terminal), Git (Github), SDLC (Agile, Waterfall), Javascript, Sequelize, Express, React/Redux, HTML, CSS

## DATA SCIENCE PROJECTS

**Media Literacy Insights from PEW** – [https://github.com/Adorism/pew\\_w68\\_media\\_literacy\\_insights](https://github.com/Adorism/pew_w68_media_literacy_insights)

- Built ETL pipeline for survey data extraction, cleaning, and analysis relating to media literacy outcomes across demographic factors
- Designed visualizations using Python tools such as Matplotlib and Seaborn as well as experimentation with Flourish outside of the Python environment

**Ligeia Reads: A Content-Based Recommender** – [github.com/Adorism/LigeiaReads](https://github.com/Adorism/LigeiaReads)

- Applied natural Language Processing model using spaCy, NLTK, Word2Vec and Multinomial Naive Bayes
- Experimented in discovery and ontology components using machine learning approaches

## EXPERIENCE

**Contract at an AI Startup, Python developer/Technical Writer** 2021

- Managed testing, documentation, and tutorial creation for an asset management tool.

**Cherry Valley Springfield Central School District, Librarian – Cherry Valley, NY** 2015–2021

- Provided instruction and assessment on information literacy skills to 450+ students in grades PK-12
- Managed collection development and instructional databases for district-wide use
- Presented twice at NYSCATE on 'Teaching with Raspberry Pi in the Elementary Classroom'

**United States Navy, Electrician's Mate – Norfolk, VA** 2005–2009

- Conducted shipboard maintenance and troubleshooting for high voltage, mission-vital equipment
- Planned and coordinated habitability maintenance tasks for aircraft carrier

## EDUCATION

**Full Stack Web Development Certificate – Grace Hopper Program(FSA) – NYC, NY** 2021

**Data Science Certificate – Galvanize – Denver, CO** 2021

**MLIS – Simmons College, School Library Administration Program – Boston, MA** 2015

- Graduate research areas in one-to-one implementation for K-12 environments and visual literacy
- Built taxonomy-based classification model for graphic novels as teaching materials

**A.S. – Massasoit Community College, Business Administration: Accounting – Brockton, MA** 2012

- Coursework in business practice, contract law, office technology, and accounting

**B.A. – Brigham Young University, European Studies – Provo, UT** 2010

- Interdisciplinary studies in language learning, linguistics, social science, and history
- Database management for university anthropology museum and exhibit-based curriculum development