**Stephen Lupsha**

**801.910.5783** -[**SLupsha@Gmail.com**](mailto:SLupsha@Gmail.com) -[**Github**](https://github.com/StephenSpicer) -[**Linkedin**](https://www.linkedin.com/in/stephen-lupsha-b60136140/)

Education

**Data Science Program,** Lambda School, 2020-2021

*Coursework Includes:* Computer Science, Descriptive Statistics, Predictive Statistics, Machine Learning, DataEngineering

Technical Skills

**Programming Expertise:** Python (NumPy, Pandas, Scikit-learn), SQL and Excel

**Frameworks:** TensorFlow, PyTorch, Keras, Flask, Plotly Dash, Microsoft PowerBI

**Skills**: Data analysis, Linear and multivariate regressions, Predictive analytics, K-cluster analysis, Machine learningproducts, Natural language processing, Strategic Deployment, Business Development **Languages**: English & Spanish

Data Science Projects

**Human Rights First: Blue Witness,** *Internship,*2021

* Delivered data modeling and improved training for a nonprofit that maps and indexes police brutality incidents.
* Scraped and cleaned data from a Twitter API, re-trained BERT model, migrated disparate databases into a single AWS RDS instance.
* Worked closely with product stakeholders to implement features and collaborated with Front-End developers to ensure an optimal ETL process.

[**RightPrice**](https://rightpriceairbnb.herokuapp.com/)**,** *Lambda School,*2021

* Created an AirBnB price predictor using predictive modeling in Python to rate unlisted homes based on similar properties.
* Delivered backend modeling based on user input passed through a Known-Nearest-Neighbors (KNN) model.

[**Fake News Detection**](https://slupsha.medium.com/parsing-fake-news-1d4c0956d754)**,** *Lambda School,*2021

* Trained an NLP model on 40,000 news articles using term frequency - inverse doc frequency (TF-IDF) vectorizer.
* Achieved a 90%+ accuracy objectively detecting fake news articles based purely on term frequency/content, rather than source data.

Work Experience

**Sales & Analytics,** *El Toro,*2019-2021

* Delivered informative dashboards in PowerBI and business intelligence for clients.
* Personally brokered El Toro’s introduction to the ISV team at Salesforce.
* Delivered gubernatorial and mayoral political ads to highly targeted audience segments among different voting demographics.

**Founder,** *Spicer Hogin*, 2016-2018

* Founded a full service media production company and grew it to a six figure annual revenue within our first six months.
* Produced media for enterprise and startup stage clients in renewables, tech, recreation, NGO’s and consultancies.

**Marketing Specialist,** *Daplie,*2017-2018

* Joined an ambitious startup focused on out-of-the-box hardware security; personally raised over a quarter million dollars in venture capital.

Other Endeavors: Non-Profit work around refugees and human trafficking issues ([Video](https://vimeo.com/206155957)), Parallel18 Accelerator (Startup Mentor in San Juan)