

**Stephen Lupsha**  
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Education

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

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

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 learning products, 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**, *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**, *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](#)), Parallel18 Accelerator (Startup Mentor in San Juan)