Lucas Kelly

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EXPERIENCE

Independent, Silver Spring, MD — *Data Scientist*

JANUARY 2019 - PRESENT

(*All work available to view on GitHub*)
- Predicted housing sales prices in King County, Washington with an 83% accuracy using a multi-linear regression model with recursive feature elimination.
- Showcased SQL querying skill-set and data-driven business decision making with A/B hypothesis testing on the Northwind Traders database.
- Developed a Machine Learning model to create a pool of MLB baseball players who should be in the running for a Gold Glove Award at the end of a season.
- Built a deep-learning, computer vision model in the form of a convolutional neural network to classify images with an accuracy of 93%.
- Analyze and interpret MLB baseball data and communicate findings through a personal blog, The Pick Off.

Lowell School, Washington, D.C. — *Teacher*

August 2016 - Present

Voyagers' Community School, Eatontown, NJ — *Teacher*

August 2012 - June 2016

EDUCATION

Flatiron School — *Data Science*

January 2019 - January 2020 (Projected graduation date)

University of Maryland University College — *Master's Degree, Teaching*

April 2011 - February 2014

University of Maryland — B.S., *Environmental Science and Policy*

January 2007 - May 2010

SUMMARY

Soon-to-be graduate from the Flatiron School Data Science Program. Career changer with 8+ years work experience in education and a background in environmental science. Baseball data hobbyist.

SKILLS

Self starter, team player, organized, goal oriented, creative.

MATHEMATICAL AND STATISTICAL TECHNIQUES

Exploratory data analysis, linear regression models, projection models, statistical distributions, linear algebra, calculus.

PROGRAMMING SKILLS

Python, SQL, JSON, web-scraping, data-cleaning, machine learning, convolutional neural networks, deep-learning, API utilization.

PACKAGES

pandas, matplotlib, numpy, tensorflow.