JUSTIN HUGHES-COLEMAN

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Passionate data scientist that persistently about finding data solutions to enterprise problems. Specialize in data collection, cleaning, analysis and using data to create models that overcome obstacles.

Skills

TECHNOLOGIES
Python
Pandas
NumPy
MatPlotLib
Seaborn
Keras
Tensorflow
PySpark
Spark

BUSINESS COMMUNICATIONS
Customer Service
Leadership Skills
Business Planning
Inventory Management
Quality Assurance
Project Management
Community Outreach

Projects

Utilizing Machine Learning to Develop Recommendation Systems for Goodreads   May 2019

Description:
A dataset of over six million reviews was used to create a recommendation system. This system can be used to recommend books to Goodreads users and increase customer utility and satisfaction.

Results:
The model has been optimized to be used on Goodreads platform. The recommendation engine successfully recommends books that users might like that are not necessarily from the same genre or author.

Technologies Used:
Python, Pandas, NumPy, MatPlotLib, Seaborn

Financial Education Classifier with Consumer Financial Protection Bureau Survey Data   July 2019

Description:
A dataset from the Consumer Financial Protection Bureau that is detailing survey result from their Financial Well-Being Survey. The data was used to create a classification model that will help education users on the financial decisions that will lead to better financial security.

Results:
The model effectively classifies users into categories based on financial literacy and current financial well-being and makes suggestions to increase financial well-being. The model can also be implemented in further studies to see the long-term effects.

Technologies Used:
 Python, Pandas, NumPy, MatPlotLib, Seaborn, Tensorflow, Keras

Professional Experience

Springboard Student   San Francisco, CA
Springboard   Nov. 2018 to Aug. 2019
- Developed Natural Language Processing recommendation model that increased user utility of Goodreads platform
- Under mentored guidance, honed Deep Learning and Neural Networks skills to implement in further projects
- Attended local Meetups and collaborated with fellow data scientist on public works projects for Code for America

Language and Cultural Assistant   Madrid, Spain
Communidad de Madrid   Oct. 2016 to June 2018
- Developed personalized lesson plans for English grammar and vocabulary, ages 6 to 50 that dramatically improved their English language skills
- Designed grading rubric for assessing 200 students' English levels implemented over the next three academic years
- Organized cultural events and activities throughout the year

Red Zone Specialist   San Diego, CA
Apple   Aug. 2015 to Aug. 2016
- Trained upwards of 90 employees utilizing Apple technology
- Scheduled, planned, taught workshops for customers to get the full experience with their products
- Participated in community outreach to inquire how companies can better serve their communities

Assistant Manager   Oceanside, CA
FedEx Office   Feb. 2008 to July 2015
- Trained upwards of 35 new team members.
- Supervised and instructed up to 7 employees per shift
- Resolved customer service disputes with effective communication and management skills

Education

California State University San Marcos   May 2013
Bachelors Economics

Volunteering

JusticeCorps Apprentice   San Diego, CA
JusticeCorps/ AmeriCorps   Aug. 2012 to Aug. 2013
- Liaison between small claims litigants and court staff
- Assisted litigants with necessary paperwork to progress their case
- Trained under mediators to better understand litigants needs
- Developed a keen understanding of the administrative legal process
- Advanced a strong ethical standard in order to maintain the integrity of legal process

Curriculum Developer   San Diego, CA
Institute for Mastering Success   2012 to 2012
- Developed curriculum for weekly coaching sessions
- Oversaw educational development procedures
- Dictated level of rigor in educational material
- Coordinated educational projects through team building exercises