

Reid Case

Los Angeles, CA | C: 504-236-5069 | E: reidtc82@gmail.com

EDUCATION

Master of Science in Computer Science
DePaul University

Expected: December 2020

Bachelor of Science in Applied Computing, Systems & Technology
Minor in Small Business Development
Tulane University

December 2010

TECHNICAL SKILLS

Technologies and Languages: Python, R, SQL, Java, JavaScript, Scikit-Learn, Git, Docker, Seaborn, Keras, MongoDB, plot.ly, Node.js

Skills: Data wrangling, cleaning and preprocessing, feature engineering, visualization, hypothesis testing, regression analysis, clustering, classification, graph traversal, object oriented, distributed systems and multi-processing programming

RELEVANT COURSEWORK

Programming Machine Learning Applications, Artificial Intelligence, Fundamentals of Data Science, Data Analysis and Regression

DATA SCIENCE PROJECTS

Analysis of Cycling Performance Data

June 2019-Present

- Preprocessed data collected from a diverse personal network of cyclists.
- Imputed missing values, converted units of measure, and adjusted for outlier and anomaly samples using Python packages numpy, pandas, multiprocessing, and sci-kit learn.
- Developed multiprocessing genetic algorithm class to perform parameter optimization.

Joke Text Recommender

June 2019-June 2019

- Explored the performance results of joke text recommendations based on users' preferences.
- Employed Standard and SVD estimators combined with euclidean distance, cosine similarity, and Pearsons correlation coefficient as measures of similarity.

Markov Chain Name Generator

April 2019-April 2019

- Designed and coded Markov Chain tool for name generation using Python.
- Presented a video showcasing code functionality, development process, and code results.

Flat Builder Program

June 2018-June 2018

- Instructed colleague on Python programming concepts to provide knowledge for project.
- Developed code review and basic objected oriented architecture.

AUGMENTED REALITY PROJECTS

Pebbledrop

March 2018-March 2018

- Designed a prototype iOS social application for geocaching anonymously dropped "Pebble" image objects.
- Created an augmented reality space spanning Los Angeles, New York, Chicago, and New Orleans.
- Implemented CloudKit, ARKit, and other necessary geolocation and camera iOS packages to provide a mobile augmented reality experience.

PROGRAMMING & TECHNOLOGY EXPERIENCE

Core systems Programmer Analyst, SkyOne Federal Credit Union
IT Support Programmer, RiverLand Federal Credit Union

April 2018-Present
March 2012-July 2017

INVOLVEMENT & FREELANCE

D4G (Data for Good) - Volunteer

August 2019-Present

Buzzfeed, Inc - Freelance Set Carpenter - Art Department

August 2017-April 2018