

Daniel DeFoe

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PERSONAL LINKS

Portfolio Website: danield2255.github.io



github.com/danield2255



LinkedIn @ Daniel DeFoe

EDUCATION

California Polytechnic State University San Luis Obispo

Statistics B.S and Data Science CDSM

SEPT 2016 - JUNE 2020 | San Luis Obispo, CA

PROFICIENT SKILLS

- Python:
(Pandas, Numpy, ScikitLearn, Matplotlib, Keras/Tensorflow)
- R:
(ggplot2, dplyr, shiny)
- SQL
- Java
- Web scraping
- Natural language processing
- Supervised and unsupervised machine learning techniques
- Appropriate statistical tests
- Feature selection methods

EXPERIENCE WITH

- Image recognition, object detection
- Google Cloud Virtual Machines
- Hadoop, Map Reduce
- Scala, Spark
- Front-end development (HTML, CSS, Javascript)
- Tableau, Excel dashboards
- SAS
- Matlab

OTHER SOFTWARE PROJECTS

- My own Spotify Discover Weekly creator
- A Google Calendar filler to fill empty time slots
- A Craigslist searcher and email notifier

EXPERIENCE

Trilogy Education

Data Analytics Boot Camp Teaching Assistant

May 2020 – Present | Remote

Help teach students python, SQL, excel, and front-end development in an online data analytics bootcamp hosted by Trilogy and UC Berkeley.

Cal Poly Corporation

Student Researcher

Feb 2020 – Present | San Luis Obispo, CA

Object detection research in Python. Using drone video of cell phone towers to identify tower parts needing repair.

With Us

Data Research Intern

June 2019 – June 2020 | San Luis Obispo, CA

Using R and Excel to automate report writing, exploratory data analysis, data visualization, and metric engineering on bystander intervention data.

The World Bank

Student Data Science Consultant

Jan 2020 – May 2020 | San Luis Obispo, CA

Exploratory data analysis, prediction modeling, and statistical tests for a project studying gender equality in access to public transportation usage in Nairobi, Kenya.

Cal Poly CSAI Club

Data Scientist

Sept 2019 – April 2020 | San Luis Obispo, CA

Contributing to the project of campus voice assistant by developing python communication with MySQL.

Cal Poly Frost Summer Research

Student Researcher

June 2019 – Sept 2019 | San Luis Obispo, CA

Investigated the music industry's effect on music artist content through statistical programming in R, web scraping with Python, feature creation, and the implementation of various statistical techniques. This project continued on to be my senior project.