

Tomás Phillips

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PROJECTS

Human Rights First, Asylum | [GitHub](#)

Data Scraping and Analytics

January 2021

- Facilitated batch conversion of scanned PDFs to text documents.
- Used Selenium and Tesseract in order to scrape PDFs on Scribd.
- Extracted relevant information from text documents using spaCy API.
- Prototyped a data exploration and visualization tool with Streamlit.

Will it Kickstart? | [GitHub](#)

Machine Learning Web Application

October 2020

- Created Flask app to serve ML predictions regarding whether a client's Kickstarter campaign will be successful or not.
- Designed and implemented front-end UI.
- Deployed application to Heroku.

Exploration of the Rijksmuseum Art Collection | [Blog](#)

Data Visualization

August 2020

- Used the D3.js framework to dynamically visualize color distribution of all Rijksmuseum paintings.

EDUCATION

Lambda School, Remote

Data Science Certificate

August 2020 – February 2021

- Python Development
- Statistics/Machine Learning
- Data Analytics
- Software Engineering
- Databases

University of North Carolina at Greensboro, Greensboro NC

Studio Art

August 2017–June 2019

- Studied painting under the school's art faculty.
- Played saxophone in the North Carolina Saxophone Ensemble.

WORK EXPERIENCE

Wine & Design, Greensboro NC

Art Instructor

January 2019–March 2020

- Led class of adults and/or children, leading them through the process of acrylic painting. Class sizes ranged from at a minimum of 4 people to a max of around 35 people.

Volvo Trucks of North America, Greensboro NC

Software Engineer Intern

June 2016–July 2016

- Facilitated the conversion of Excel spreadsheets and word documents to HTML documents.
- Created a desktop application using Electron to provide extra functionality that was not possible with Excel, such as linking documents by reference so that a change to one document affects the state of all other documents that link to it.

PROGRAMMING LANGUAGES AND TOOLS

Python | JS/HTML/CSS | SQL | Flask API | Fast API | d3.js | Scikit-Learn