

Hadrien N. Picq

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TECH STACK

Python Programming: Analytics (*Numpy, Pandas*), Visualizations (*Matplotlib, Seaborn, Plotly, Bokeh*), Machine Learning (*SciKit-Learn*), Web Scraping (*BeautifulSoup, urllib, requests*), REST APIs, PySpark.

Programming Environment & Software: Git, Bash (*Linux OS*), Jupyter Notebook, VS Code.

Database Management Systems: SQL (*SQLite, MySQL*).

GIS: Geopandas, QuantumGIS, ESRI ArcGIS (*ArcMap/Model Builder/StoryMap/Online*), MapBox, Leaflet.

Web: Deployment (*GitHub Pages, TravisCI, Netlify*), Development (*HTML5, CSS, JS*), Jekyll, Jupyter Book.

EXPERIENCE

Data Science Fellow

SharpestMinds

Remote

Jun. 2020 - ongoing

- Developing an analytical report of 2019-2021 ridership trends for Lyft's bike-share program in San Francisco.
- Building a predictive machine learning model using Python SciKit-Learn modules.

Data Science Fellow

Data Strategy Mentorship Program, ParsonsTKO & TechSoup Global

Remote

Jun. 2020 - Aug. 2020

- Participated in weekly data analytics seminars in the non-profit and social impact sector.
- Prepared and presented original data-driven research at a web conference with 150-200 participants.

Citizen Science Research Intern

Caravan Studios (a subdivision of TechSoup Global)

San Francisco, CA

Feb. 2019 - Jun. 2019

- Built an online tutorial for the general public on how to assemble low-cost air quality monitoring sensors.
- Compiled supporting material for grants through API data searches, web scraping, and literature review.

Data Visualization Intern | Associate Consultant

HIP Consult, Inc.

Washington, DC | Remote

Jun. - Nov. 2014 | Mar. - Jul. 2017

- Researched and mapped optic fiber networks for the company's proprietary GIS platform and SQL database.
- Created marketing material for client outreach in the Information and Communications Technology industry.

PROJECTS

Breathing Between the Lines: Air Pollution & Redlining

Jun. 2020 - Aug. 2020

Project presented at the conclusion of the Summer 2020 Data Strategy Mentorship Program, for a live audience at the *Data for Social Impact: Racial & Economic Justice* Conference, hosted by ParsonsTKO & TechSoup Global.

Summary: <https://github.com/HP-Nunes/Breathing-Between-the-Lines>

EDUCATION

MEnv

Concordia University (Montréal, Canada)

Master of Environment, Environmental Assessment

Aug. 2016 - Sep. 2021

Certificate

UC Berkeley Extension (San Francisco, California)

Data Analytics & Visualization

Feb. 2018 - Aug. 2018

BA

University of California, Berkeley (Berkeley, California)

Geography with Minor in Geospatial Information & Technology

Aug. 2011 - Dec. 2013