Hadrien N. Picq

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EDUCATION

Certificate **UC Berkeley Extension, San Francisco - California**
Data Analytics & Visualization *Feb. 2018 - Aug. 2018*

BA **University of California, Berkeley**
Geography with Minor in Geospatial Information & Technology *Aug. 2011 - Dec. 2013*

TECH STACK

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

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

Database Management Systems: SQL (SQLite, MySQL, Google Cloud).

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

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

EXPERIENCE

Data Science Fellowship *Remote*
SharpestMinds *Jun. 2020 - ongoing*
- Publishing an analytical report of 2019 trends for Lyft's bike-share program in the city of San Francisco.
- Developing a business case study in Python with machine learning.

Data Science Fellowship *Remote*
Data Strategy Mentorship Program, ParsonsTKO & TechSoup Global *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 *San Francisco, CA*
Caravan Studios (a subdivision of TechSoup Global) *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 | Associate Consultant *Jun. - Nov. 2014 | Mar. - Jul. 2017*
HIP Consult, Inc. *Washington, DC | Remote*
- 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

Personal Portfolio *Nov. 2018 - Ongoing*
Data projects, external blog posts, and writing content available on my personal website: https://hpnunes.com/