

# Hadrien N. Picq

[contact@hpnunes.com](mailto:contact@hpnunes.com) | <https://hpnunes.com> | San Francisco, CA

## SKILLS

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

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

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

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

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

## EDUCATION

MEnv	<b>Concordia University (Montréal, Canada)</b> Master of Environment, Environmental Assessment	Aug. 2016 - Sep. 2021
Certificate	<b>UC Berkeley Extension (San Francisco, California)</b> Data Analytics & Visualization	Feb. 2018 - Aug. 2018
BA	<b>University of California, Berkeley (Berkeley, California)</b> Geography with Minor in Geospatial Information & Technology	Aug. 2011 - Dec. 2013

## EXPERIENCE

**Data Science Fellow** Remote  
SharpestMinds Jun. 2020 - ongoing

- Developing an analytical report of 2019-2021 ridership trends for Lyft's bike-share program in San Francisco: <https://baywheelsanalytics.netlify.app/intro.html>
- Building predictive machine learning models using Python SciKit-Learn modules.

**Data Science Fellow** 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 Intern | Associate Consultant** Washington, DC | Remote  
HIP Consult, Inc. 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>