

Hadrien N. Picq

☎ 805.843.1884 | ✉ contact@hpnunes.com | 🌐 San Francisco, CA 94133 | 🔄 <https://github.com/HP-Nunes>

EDUCATION

<i>MENV</i>	Concordia University, Montréal - Canada Environmental Assessment	Planned Spring 2020
<i>Certificate</i>	UC Berkeley Extension, San Francisco - California Data Analytics & Visualization	Aug. 2018
<i>BA</i>	University of California, Berkeley Geography with Minor in Geospatial Information & Technology	Dec. 2013

WORK EXPERIENCE

Caravan Studios (a subdivision of TechSoup Global) *San Francisco, CA*
Citizen Science Research Intern *Feb. - Jun. 2019*

- Built a step-by-step online tutorial on assembling the hardware and software of low-cost air quality monitoring unit, to develop actionable community-driven datasets and visualization.
- Researched air pollution discourse in eastern Europe through social media outreach, API data searches, web scraping, and literature review into supporting material for EU funding opportunities.
- Discovered, researched, and pitched a state grant funding opportunity internally to further the program's operations past my internship tenure.

Tools & Skills: Jupyter Notebook, Git, Python, Python Flask, SQLite, Web Deployment, ArduinoIDE, QGIS

HIP Consult, Inc. *Washington, DC*
Data Visualization Intern / Associate Consultant *Jun. - Nov. 2014 / Mar. - Jul. 2017*

- Researched and mapped optic fiber networks for the company's Infranav SQL database.
- Tailored corporate marketing material and maps for client outreach in the ICT industry.

Tools & Skills: SQL, mapping, QGIS, raster/vector datasets, client outreach in French & Portuguese

xAd, Inc. (rebranded to GroundTruth) *New York City, NY*
Geospatial Specialist (Blueprinter) *Mar. 2015 - Jul. 2016*

- Researched and implemented quality management and control strategies of digitized brick-and-mortar retail location data in the U.S. and Europe; leading to gains in productivity and accuracy.

Tools & Skills: quality assurance of team's performance, spreadsheet analysis in G-Drive

National Geographic Society *Washington, DC*
Media Intern *Jan. - Apr. 2014*

- Published educational content and web maps for the Education Division's MapMaker Interactive on global food production, using data from the Food and Agriculture Organization of the United Nations.

Tools & Skills: ESRI ArcGIS10, Google Drive, Adobe Illustrator CS6, csv data parsing, Microsoft Office

PROGRAMMATIC SKILLS

Data Collection: REST & JSON APIs (Google, Twitter, Yelp); Web Scraping (Beautiful Soup, Scrappy)

Data Analysis: MySQL, Python Pandas, Jupyter Notebook, Pivot Tables, Excel Macros, R

Data Visualization: Matplotlib, Seaborn, Plotly, Tableau, HTML, CSS, Javascript, D3.js, Leaflet.js

GIS SOFTWARE & DATA

ESRI ArcGIS 10 (ArcMap, ArcCatalog, 3D Analyst, Model Builder) • QuantumGIS • ArcGIS Online • CARTO • MapBox Studio
• Rasters/Remote Sensing datasets • Python Geopandas