

# Hadrien N. Picq

GEOGRAPHER WITH AN EMPHASIS ON ENVIRONMENTAL IMPACT AND GEOGRAPHIC INFORMATION SYSTEM

 <https://hp-nunes.github.io> |  San Francisco Bay Area, CA

Expertise in geospatial data analysis and technology & making programmatic data visualizations.

## PROGRAMMATIC SKILLS

Python • Python APIs • pandas • Jupyter Notebook • Visual Studio Code • SQL • MySQL WorkBench • R • RStudio • GitHub • GIT • Linux/Ubuntu • Command Line • Heroku • Web Development (HTML, CSS, Javascript, D3.js, Leaflet.js, Python Flask)

## EDUCATION

*MENV*

**Concordia University, Montréal - Canada**  
Environmental Assessment

Planned May 2019

*Certificate*

**UC Berkeley Extension, San Francisco**  
Data Analytics & Visualization

Aug. 2018

*BA*

**University of California, Berkeley**  
Geography with Minor in Geospatial Information & Technology

Dec. 2013

## PROFESSIONAL EXPERIENCE

**HIP Consult, Inc.**

*Washington, DC*

**Data Visualization Intern / Associate Consultant**

*Jun. - Nov. 2014 / Mar. - Jul. 2017*

- Built the company's **Infranav** GIS fiber optic database by digitizing vector linear features equivalent to over 100,000 km of longhaul and metropolitan fiber networks across Africa and Brazil.
- Created and curated SQL databases, and tailored the mapping visual style by company's standard for client outreach.
- Researched raster and vector data on open-source and academic sources, and made detailed inventories of qualitative data to populate geospatial databases.

**Xad, Inc. (rebranded to GroundTruth)**

*New York City, NY*

**Geospatial Specialist (Blueprinter)**

*Mar. 2015 - Jul. 2016*

- Digitized geo-boundaries on xAd's geospatial **Blueprints** platform for brick-and-mortar retail locations throughout the U.S. and Europe, to enable the delivery of mobile location-targeted ads with high precision accuracy.
- Researched and implemented quality management and control strategies to harmonize operations with offshore teams; leading to gains in digitizing productivity and accuracy.

**National Geographic Society**

*Washington, DC*

**Media Intern**

*Jan. - Apr. 2014*

- Developed a geospatial database in ESRI's ArcMap, along with published written educational content and choropleth maps, for the Education Division's **MapMaker Interactive** on global food production.
- Researched and organized specific requests for digital videos, images, and music on internal and external media inventories to assist the creation of content such as short-films and webinars.

## GIS, SOFTWARE & LANGUAGES

ESRI ArcGIS 10 (ArcMap, ArcCatalog, 3D Analyst, Model Builder) • QuantumGIS  
ArcGIS Online • CARTO • MapBox • OpenStreetMap • Google Earth Pro • Rasters datasets



Adobe CS6: Illustrator, Photoshop, InDesign • Tableau • Microsoft Office Suite



Full fluency English & French • Proficient Luso-Brazilian • Intermediate Spanish