

Hadrien N Picq

GEOGRAPHER WITH EMPHASIS ON ENVIRONMENTAL IMPACT, GEOGRAPHIC INFORMATION TECHNOLOGY, AND PROGRAMMING

📄 <https://github.com/HP-Nunes> 📍 San Francisco, CA

EDUCATION

<i>MENV</i>	Concordia University, Montréal - Canada <i>Environmental Assessment</i>	<i>Planned Sep. 2019</i>
<i>Certificate</i>	UC Berkeley Extension, San Francisco - California <i>Data Analytics & Visualization</i>	<i>Aug. 2018</i>
<i>BA</i>	University of California, Berkeley - California <i>Geography with Minor in Geospatial Information & Technology</i>	<i>Dec. 2013</i>

PROFESSIONAL EXPERIENCE

Caravan Studios (a subdivision of TechSoup) Citizen Science Research Intern	<i>San Francisco, CA</i> <i>Feb. - Jun. 2019</i>
<ul style="list-style-type: none">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 scrapping, 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. <i>Tools & Skills: Jupyter Notebook, Git, Python, Python Flask, SQLite, Web Deployment, ArduinoIDE, QGIS</i>	
HIP Consult, Inc. Data Visualization Intern / Associate Consultant	<i>Washington, DC</i> <i>Jun. - Nov. 2014 / Mar. - Jul. 2017</i>
<ul style="list-style-type: none">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. <i>Tools & Skills: SQL, mapping, QGIS, raster/vector datasets, French & Portuguese client outreach</i>	
Xad, Inc. Geospatial Specialist (Blueprinter)	<i>New York City, NY</i> <i>Mar. 2015 - Jul. 2016</i>
<ul style="list-style-type: none">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. <i>Tools & Skills: quality assurance of team's performance, spreadsheet analysis in G-Drive</i>	
National Geographic Society Media Intern	<i>Washington, DC</i> <i>Jan. - Apr. 2014</i>
<ul style="list-style-type: none">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. <i>Tools & Skills: ESRI ArcGIS10, Google Drive, Adobe Illustrator CS6, csv data parsing, Microsoft Office</i>	

PROGRAMMATIC SKILLS

Data Collection: REST & JSON APIs (Google, Twitter, Yelp); Web Scrapping (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 • Rasters/Remote Sensing datasets • Python Geopandas