

# Hadrien N. Picq

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## EDUCATION

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

## WORK EXPERIENCE

<b>Caravan Studios (a subdivision of TechSoup Global)</b> Citizen Science Research Intern	<i>San Francisco, CA</i> <i>Feb. - Jun. 2019</i>
<ul style="list-style-type: none"><li>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.</li><li>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.</li><li>Discovered, researched, and pitched a state grant funding opportunity internally to further the program's operations past my internship tenure.</li></ul> <i>Tools &amp; Skills: Jupyter Notebook, Git, Python, Python Flask, SQLite, Web Deployment, ArduinoIDE, QGIS</i>	
<b>HIP Consult, Inc.</b> Data Visualization Intern / Associate Consultant	<i>Washington, DC</i> <i>Jun. - Nov. 2014 / Mar. - Jul. 2017</i>
<ul style="list-style-type: none"><li>Researched and mapped optic fiber networks for the company's Infranav SQL database.</li><li>Tailored corporate marketing material and maps for client outreach in the ICT industry.</li></ul> <i>Tools &amp; Skills: SQL, mapping, QGIS, raster/vector datasets, client outreach in French &amp; Portuguese</i>	
<b>xAd, Inc. (rebranded to GroundTruth)</b> Geospatial Specialist (Blueprinter)	<i>New York City, NY</i> <i>Mar. 2015 - Jul. 2016</i>
<ul style="list-style-type: none"><li>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.</li></ul> <i>Tools &amp; Skills: quality assurance of team's performance, spreadsheet analysis in G-Drive</i>	
<b>National Geographic Society</b> Media Intern	<i>Washington, DC</i> <i>Jan. - Apr. 2014</i>
<ul style="list-style-type: none"><li>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.</li></ul> <i>Tools &amp; 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 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 & PACKAGES

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