

Hadrien N. Picq

<https://hpnunes.com> | contact@hpnunes.com | San Francisco, CA

EDUCATION

MENV	Concordia University, Montréal - Canada Environmental Assessment	Planned Spring 2020
Certificate	UC Berkeley Extension, San Francisco - California Data Analytics & Visualization	Aug. 2018
BA	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 government and institutional 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, Flask, SQLite, Web Deployment (Travis CI), Web Scraping (Beautiful Soup)

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 proprietary GIS platform and SQL database *Infranav*.
- Tailored corporate marketing material for client outreach in the Information and communications technology 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, spreadsheet data parsing, Microsoft Office & Outlook

TECH STACK

Languages: Python, SQL, R, HTML, CSS, JavaScript, Markdown

Frameworks and Libraries: Jupyter Notebook, Python Pandas, Flask, D3.js, Leaflet.js, Matplotlib, Seaborn, Plotly

Database & Industry Tools: GitHub, Git, Command Line, Linux OS/Ubuntu, MySQL, MongoDB, REST & JSON APIs

Visual Processing Software: Tableau, Adobe Photoshop/Illustrator/InDesign CS6, Video Editing

GIS Software & Packages: QuantumGIS, ArcGIS 10 ArcMap/3D Analyst/Model Builder/Online, MapBox Studio, Geopandas