



Experience

May '18 to
Aug '18

Summer Intern, Data Products | [Salesforce.com](#)

Designed anomaly detection and analysis tool for infrastructure data science team.
Developed the application in Flask, React.js, Plotly Dash, and PostgreSQL.

Aug '17 to
Present

UX Design Fellow | [Foresee Results](#)

Usability analysis of client websites, data systems, and applications.
Business development in new offerings in usability testing.
Design, administration, and analysis of usability tests.

Aug '13 to
Aug '17

Senior Data Visualization Specialist | [Abt Associates](#)

Managed Data Visualization Practice at Abt's Client Technology Center.
Designed and developed interactive data products.
Consulted on technology solutions, focusing on web application design.
Developed business in technology solutions for public & private contracts.

Aug '11 to
Aug '13

Associate Analyst | [Abt Associates](#)

Built algorithm to comb public data for enforcement targets.
Built nationwide model of chemical releases from the fracking industry.
Analyzed impact of emissions regulations on coal-fired power plants.

May '11 to
Aug '11

Policy Fellow | [The Breakthrough Institute](#)

Contributed analysis to the clean technology white paper, 'Beyond Boom and Bust'.
Published editorials regularly on the Breakthrough Generation Blog.

Sep '10 to
May '11

Researcher | [Stanford School of Earth Sciences](#)

Field work investigating agroforestry adoption among Brazilian smallholder farmers of the eastern Amazon.
Project supported by the Woods Institute for the Environment and the Center for Research on Familial Agriculture at UFPA, Belém, Brazil.

Feb '10 to
May '11

Research Associate | [The Spatial History Lab, Stanford U.](#)

Built interactive suitability map of the Amazon for agroforestry systems.
GIS analysis for historical ecology projects, analyzed primary documents from 19th century Brazil under professor Zephyr Frank.

Jun '09 to
Sep '09

Fellow | [Planning Dept. of the State of Amazonas \(SEPLAN\)](#)

Projected opportunities for the state of Amazonas, Brazil to gain offset credits and other support from international climate initiatives.
Findings incorporated into sustainable development plans of state development and climate change departments (SEPLAN and CECLIMA).

Education

Aug '17 to
May '19

M.S. in Human-Computer Interaction | [University of Michigan](#)

Member of the Professional Practice Fellows Program.
Member of the USMI Leadership Series. GPA: 4.0.

Sep '07 to
Jun '11

B.S. in Earth Systems | [Stanford University](#)

Goldman Honors Program in Environmental Science & Technology.
Received Miller-Marsden Prize for Innovative Research in the Environment.
Phi Beta Kappa, Minor in Latin American Studies. GPA: 3.85.

Sep '09 to
Dec '09

Amazon Resource Management and Human Ecology | [SIT](#)

Studies in the agricultural economy of the Amazon, human ecology, environmental and social impacts of resource extraction. GPA: 4.0.

Contact

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🌐 <http://nickm.io>

Skills

Soft

UX / DataViz Design

Product Management

Sales / Client Relations

Business Analysis

Technical

Javascript

D3.js, React.js, jQuery

Python

Plotly Dash, Flask, Pandas
NumPy, SciPy

Design/Prototyping

Adobe Illustrator, Photoshop,
Invision, Balsamiq

Web Markup

HTML5/CSS3, Bootstrap, Sass

Data Exploration

Tableau, SQL, MS Excel,
PowerBI, Jupyter Notebook

Languages

Portuguese (proficient)

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