Nick Murray

Igniting data with effective user interface.

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
smallolder 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-Mardsen 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

✉ nicholasdmurray@gmail.com
☎ (917)-386-3609
🌐 htttp://nickm.io

Skills

Soft

Product Management

Certified Scrum Master

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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