

Charlie Moffett

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PROFILE

- Data science professional using information and technology to study patterns in complex systems
- Experienced in analytics, programming, client management, project development, and data storytelling
- Focused and passionate team player who embraces challenges and takes initiative; lifelong learner

PROJECTS

- “Automated Detection and Classification of Street-Level Tobacco Advertising Displays” Mar. 2018 - Present
- Training deep convolutional neural networks to detect logos from street imagery
 - Building spatio-temporal database to characterize public health risks across NYC
- “OpenStreetMap (OSM) Geoprocessing Layer” Dec. 2017 - Jan. 2018
- Created open-source tool to pull OpenStreetCam data for entire street networks
 - Refined web parsing and scraping elements of larger civic technology pipeline
- “News Coverage of Williamsburg and its Underlying Textual Themes” Oct. 2017 - Dec. 2017
- Mined text from 1000+ New York Times articles for training document collection
 - Applied unsupervised machine learning to uncover hidden semantic structures

EXPERIENCE

- NYC Media Lab**, Fellow (Brooklyn, NY) Jan. 2018 - April 2018
- Awarded \$5,000 to lead team in prototyping competition for AR/VR technologies
 - Developed interactive chatbot on Facebook Messenger using location data and NLP
- Library of Congress**, Innovation Intern (Remote) Jan. 2018 - April 2018
- Supported National Digital Initiative on computational use of Library collections
 - Wrote coding tutorials on Python and Leaflet.js for the Library’s GitHub page
 - Published web apps and digital scholarship workshops using loc.gov API
- Mayor’s Office of the Chief Data Officer**, Graduate Researcher (San Francisco, CA) May 2017 - Aug. 2017
- Published resources on strategic open data release and data visualization
 - Consulted for City of New York on approach to automated decision systems
- Enervue**, Customer Success Manager (Los Angeles, CA) Oct. 2015 - Dec. 2016
- Managed senior relationships and client onboarding at growth stage energy startup
 - Expanded platform reach to 22 million households across the US and Europe
 - Collaborated in Agile environment with Data, Engineering and Accounts teams
 - Oversaw 3 direct reports on client support materials and prioritizing product updates
- Google**, Associate Account Strategist (Mountain View, CA) Nov. 2012 - Jan. 2015
- Delivered solutions for 1000+ advertising clients to help grow their businesses online
 - Provided consultative advice and outstanding high-touch customer support
 - Exceeded upsell targets by 80% in three consecutive quarters (top performer in NA)
 - Led trainings and onboarding committee, including internal workshop series

EDUCATION

- New York University** exp. Aug. 2018
MS Applied Urban Science and Informatics (GPA: 3.78)
- University of California, Berkeley** May 2012
BA Anthropology (GPA: 3.65)

SKILLS

- Coding & Software:** Python (pandas, numpy, matplotlib, sklearn, nltk, opencv), ArcGIS, SQL, Git, TensorFlow
- Statistics:** Regression, Clustering, Decision Trees, Random Forests, RCNN