

EMPLOYMENT

UNITED NATIONS, OFFICE FOR THE COORDINATION OF HUMANITARIAN AFFAIRS (OCHA), GENEVA, SWITZERLAND

Humanitarian Data Scientist, Field Information Services (FIS) Intern

MAY 2015 – JUL 2015

- Created customized and interactive GIS-based apps utilizing Python to parse API data and JavaScript/jQuery, SQL, D3.js and CartoDB to visualize
- Analyzed reported data to create comparison infographics

COHABITATION STRATEGIES, NEW YORK, NY / MURAL ARTS, PHILADELPHIA, PA

GIS Analyst / Research Consultant

OCT 2014 – JAN 2015

- Researched potential areas of interest for Mural Art's Restored Spaces program, utilizing GIS and geo-web mapping tools to analyze demographic and housing data and conducted localized qualitative fieldwork
- Visualized maps and data to be used in a digital tool designed to pin-point future sites of intervention

THE NEW SCHOOL FOR PUBLIC ENGAGEMENT, THE NEW SCHOOL, NEW YORK, NY

Teaching Assistant: *Advanced GIS for International Crises, Development and the Environment*

JAN 2014 – MAY 2014

- Facilitated weekly in-class lab sessions using Geo-web platforms, supporting a class of 20 students
- Provided expertise in MapBox, CartoDB, TileMill, OpenStreetMap, GIS, HTML, CSS, CartoCSS, JavaScript, SQL and other technologies to help students produce powerful web-based mapping visualizations and online presentations

AIG ADVISOR GROUP, NEW YORK, NY

Design Strategist / Developer, Marketing

JAN 2011 – PRESENT

- Managed digital marketing strategies for an independent broker-dealer network of over 5,000 financial advisors
- Designed and developed both internal and client-facing web interfaces, provided art direction for the firm's major national conferences

OCÉ, TRUMBULL, CT

Communications Design Specialist, Marketing

MAY 2008 – JAN 2011

- Provided creative direction for a variety of print and digital projects placing emphasis on sales and marketing objectives
- Led corporate communication team in transition from print-based collateral to digital and web-based mediums

SUN PUBLISHING COMPANY, WESTERLY, RI

Editor, Special Sections

MAY 2007 – MAY 2008

- Managed all facets of production of special weekly news publications for an organization with a circulation over 13,000 subscribers
- Supervised production team and ensured projects were completed accordingly

TROY ANDREW HALLISEY PRODUCTIONS, NEW YORK, NY

Freelancer / Digital Design Consultant

NOV 2004 – PRESENT

- Provided digital design and web solutions for area nonprofit organizations and small businesses

EDUCATION

PARSONS SCHOOL OF DESIGN, THE NEW SCHOOL, NEW YORK, NY

MS, Design and Urban Ecologies (GPA: 3.9)

SEP 2012 – MAY 2014

- *Thesis*: "Envisioning a New Urban Ecology: Strategies for Inclusive Self-Managing Communities"
- *Coursework*: urban theory, urban history, GIS/cartography, qualitative/quantitative research methods, and project design and management

UNIVERSITÀ IUAV DI VENEZIA, VENICE, ITALY

Certificate, Recycling City 2 – Erasmus International Design Intensive Program

JUL 2013

UNIVERSIDAD EAFIT | URBAM, MEDELLÍN, COLOMBIA

Certificate, Urban Ecologies Workshop – Stakeholders, Systems and Processes in the Neighborhood Santa Cruz

MAR 2013

UNIVERSITY OF RHODE ISLAND, KINGSTON, RI

BFA, Visual Art (*magna cum laude*)

SEP 2004 – DEC 2006

- *Studio focus*: digital art, web design and printmaking

UNIVERSITY OF CONNECTICUT, STORRS, CT

BA, Sociology

JAN 2002 – AUG 2003

- *Coursework*: social theory, urban sociology, and quantitative research methods

Candidate, BS, Landscape Architecture (*Completed coursework*)

SEP 1998 – DEC 2001

- *Studio focus*: design theory, community planning, horticulture, planting design, construction materials/methods, graphics and computer applications

RELEVANT SKILLS

Experienced with Geo-spatial technologies and web-based cartography tool-sets with the unique ability to develop research and data collection strategies and analysis, design and visualization of urban and environmental conditions

- Master in desktop and web-based GIS tools including QGIS, ArcGIS, MapBox, TileMill, CartoDB, Leaflet and OpenStreetMap
- Experienced with various data types, ESRI shapefiles, map projection and coordinate systems, Tableau, SQL, CartoCSS, and GeoJSON
- Extensive knowledge of HTML5, CSS3, proficient programming with JavaScript, jQuery, D3.js, PHP, Python

Organized and deadline orientated project manager with excellent communication, strategic, research and analysis skills

- Expert in urban ecological processes including social, political, economic and environmental forces
- Experienced working with community groups to develop practical and realistic projects based on their needs
- Knowledgeable in economic development and housing initiatives offered through local and statewide agencies
- Familiar with real estate development practices including the RFP process and pro forma budgeting
- Proficient in Microsoft Office suite, Google Apps, and CMS systems: WordPress, Squarespace and LORE

Art and design / landscape architecture background

- Familiar with landscape architecture history and theory, planting design strategies, woody plants, soil types, spatial analysis, hydrology
- Expert in graphic design, illustration and image manipulation and optimization, fluent in various design applications including most Adobe CC apps
- Proficient in media editing tools such as Final Cut Pro, Adobe Premiere, Soundbooth, Audacity, iMovie, and After Effects

Language skills

- English, native speaker; German, elementary conversational

PROJECTS

CREATOR/LEAD DEVELOPER

CartoPress – A CartoDB Client for WordPress

OCT 2015 - PRESENT

- Designed and built a plugin for WordPress connecting users' databases directly to CartoDB, turning their WP site into a geo-CMS

UNITED NATIONS, OFFICE FOR THE COORDINATION OF HUMANITARIAN AFFAIRS (OCHA), GENEVA, SWITZERLAND

“HumanitarianResponse.info Assessment Registry”

JUN - JUL 2015

- Built interactive GIS tool that catalogs and filters all assessments conducted in humanitarian response operations

“Humanitarian.ID Check-in Map”

JUL 2015

- Created interactive map showcasing locations, roles and organizations of responders checking into Humanitarian.ID

COHABITATION STRATEGIES, NEW YORK, NY / MURAL ARTS, PHILADELPHIA, PA

“Restored Spaces: Playgrounds for Useful Knowledge”

OCT 2014 - JAN 2015

- Conducted GIS-based demographic research, spatial analysis and created data visualizations to locate potential areas for new projects

PARSON SCHOOL OF DESIGN, THE NEW SCHOOL, NEW YORK, NY

“VETU: Vamos en Todo Unidos”

AUG 2013 - MAY 2014

- Re-envisioned local nonprofit VAMOS Unidos, a community of Latino street food vendors, as an integrated worker, housing and food production cooperative as a democratic means to improving living conditions

“Chongqing Industrial Museum Project”

JAN - MAY 2014

- Designed an “eco-village” concept for an abandoned steel-mill site in Chongqing, China based on historical, environmental, socio-cultural, political-economic and urban frameworks

“Rethink the Block: Mapping the Housing Crisis”

OCT - DEC 2013

- Created metrics and parameters to measure neighborhood redevelopment and gentrification risk based on research
- Utilized geo-spatial data and GIS analysis tools and metrics to examine and visualize areas of the city most at-risk of displacement

“Santa Cruz Visible: Corridores de Agua, Corrientes de Poder” (Corridors of Water, Currents of Power)

JAN - MAY 2013

- Conducted fieldwork focused on the political economy, social infrastructure and communal processes of Santa Cruz, Medellin, to develop design and implementation strategies for an alternative water collection, purification and distribution system that aligns with the local neighborhood action plan developed by our community partner

“Invisible Boundaries in Bed-Stuy”

SEP - DEC 2012

- Presented results of qualitative fieldwork research using ethnographic observation and semi-structured interviews to examine invisible boundaries of age, race and social status at a local laundromat

UNIVERSITÀ IUAV DI VENEZIA, VENICE, ITALY

“O1: The Stop”

JUN - JUL 2013

- Researched existing local social, political, and economic processes and designed integrated alternative uses for an underutilized railroad station in Oriago, a village in Italy's Veneto province

PRESENTATIONS

MILLENNIUM CAMPUS CONFERENCE, UNITED NATIONS HEADQUARTERS, NEW YORK, NY

Session Speaker

AUG 2015

- Presented UN-OCHA's recent interactive GIS projects, discussed data collection strategies

NEXT URBAN PRACTICES AND ECOLOGIES SYMPOSIUM, UNIVERSITY CENTER, PARSONS SCHOOL OF DESIGN, THE NEW SCHOOL, NEW YORK, NY

Featured Speaker

MAY 2014

- Presented “Vamos en Todo Unidos: Developing inclusive and intersecting planes of living production for street food vendors in New York City”

GEONYC, NEW YORK PUBLIC LIBRARY, SOUTH COURT AUDITORIUM, NEW YORK, NY

Featured Speaker

FEB 2014

- Presented Rethink the Block's “Mapping the Housing Crisis” GIS visualization and methodologies for finding at-risk neighborhoods for redevelopment