VITAE

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rbmv

⊘ Personal Philosophy

» I believe that the 21st century requires a more multifaceted toolkit if we hope to solve complex challenges—process and task oriented approaches balanced within a framework that fosters strategic thinking. That interdisciplinary relationships can be strengthened through active community participation—working toward something with the shared value of doing good.

» I bring a lot of energy and enthusiasm to the projects that I become involved in. I thrive in situations that require imagination and innovation. My interests are varied; among my passions I would list: academic inquiry, classical and contemporary thought, the music and cuisine of other cultures, the arts, traveling, languages, and social justice. I believe that our most vulnerable deserve respect and to be treated with dignity and fairness.

» Ultimately I hope that the work I do is helpful—that it enables discovery or provides clarity. I hope to bring together practical and principled approaches and I hope to further grow as this philosophy guides me.

🪄 Personal Skills

» I am dedicated and hard working—a good communicator and active community participant. I work well on team efforts and projects with the ultimate aim of using data for social good.

» I am:
- ➡ creative
- ➡ honest
- ➡ friendly
- ➡ enthusiastic
- ➡ keen to learn new things and take on new roles
- ➡ reliable
- ➡ a lateral thinker
- ➡ motivated

» I am able to:
- ➡ speak and read French
- ➡ read and understand some German
- ➡ listen to and follow instructions accurately
- ➡ work cooperatively

- ➡ take on new challenges
- ➡ complete tasks
- ➡ support others
- ➡ identify new innovations and technologies while working toward implementing them
- ➡ be proactive

</> Technical Skills

>> Web Technologies: HTML, CSS, Javascript; Rmarkdown Websites, Dashboards in R with Shiny, and interactive data viz with Plotly; Static Site Generators, i.e., Pelican and Jekyll; Traditional CMSs like Wordpress and Drupal; previous coursework in Information Architecture and UX/UI design.

>> Coding: R, Python, and Javascript.

>> OSs: OS X, Linux, and Windows. I love the terminal and wish `vim` bindings were universal.

>> Data: Relational Databases (data modeling and SQL); information retrieval; taxonomies and ontologies; and, knowledge organization theory.

>> Data Analysis: R is a big part of my workflow from reading in data, transforming and 'tidying' data, exploring and visualizing data, reporting, presenting, and tying it all together in a dashboard. I am a big `tidyverse` fan and love the way some of R's APIs help frame an analysis workflow.

>> Metadata schemas: knowledge of AACR2, RDA, MODS, METS, and PREMIS

🎓 Education

>> University of North Texas | Master of Science in Information Science (2013) Information Systems track

>> University of California, Los Angeles (UCLA) | Bachelor of Arts in French and comparative literature (2008 / double major)

>> Université de la Sorbonne Nouvelle (Paris III) | Student exchange (2006–2007)

🏛 Work Experience

County of Los Angeles, Department of Health Services_Los Angeles, CA

Staff Analyst, Health (Whole Person Care) / February 2019–Present

>> spearheading data integration projects with Whole Person Care program; optimizing links to internal master data management, countywide master data management, community/clinic based HIEs, and MCOs.
>> help prototype operational dashboards for analyst team to put into production, working with clinical staff on creating tools that will add value rather than distract or oversaturate
>> work with leadership on identifying KPIs and other operationally valuable markers for high level dashboard applications that allow users to explore and interact
>> liaise with external county departments and MCOs regarding data sharing for WPC population–up to speed on current federal and state regulations for what *can* and what *cannot* be shared depending on context
>> assist in authoring analysis billing rules for data team to use to correctly produce mandatory reporting given complexities of WPC funding via Medi-Cal waiver program and shifting horizen of competing and complimentary programming
>> responsible for calculating program milestones and incentives for state billing–working with front line program staff to improve workflows and capture the data the demonstrates achievement for the WPC program
>> act as bridge between IT, data team, evaluation team, and leadership on all data related matters–working to improve programming workflows through version control and software engineering best practices

Skid Row Housing Trust_Los Angeles, CA

Manager of Data + Analytics / July 2018–January 2019

>> provide strategic oversight to organization's data collection systems and reporting processes through the collection and analysis of data, reporting on and capturing of outcome metrics, and providing input to create a more data-driven culture

>> responsible for identifying, monitoring, and evaluating program and organizational outcomes to ensure compliance and effectiveness of programming

>> Moved social service database from a no access closed system to AWS to reduce organizational cost and optimize IT ecosystem

>> liaised with internal departments for reporting/proposal questions, and to answer questions about resident population trends, funding and compliance layers for affordable housing; and, how the two work toward a broader outcomes strategy

>> prepare recurring and special aggregated data reports and related decision support tools for organization to support analytics value chain: data→reporting→analysis→action→value

>> oversaw the application and implementation of assessment procedures for longitudinal data collection; provided training in the use of survey instruments and answers to questions about what is tracked and why

>> Leveraged agglomerative clustering models, survival models, generalized linear models, and binary classifiers like logistic regression in order to build a wider understanding of how people fare in permanent supportive housing to see if we can detect negative outcomes early and target support services early.

>> Converted all data workflows to version control via GitHub for all projects including web application and some of the data engineering

>> liaise with external organizations, research institutions, and contractors / consultants interested in or currently conducting research with organization to answer questions about what we currently are using to track outcomes / offer support

Skid Row Housing Trust_Los Angeles, CA

Data Analyst / August 2015–June 2018

>> provide in-depth analysis of both the resident population and underlying subsidy and compliance structure for entire portfolio

>> leverage validated research tools to improve data collection; providing a pathway for future program evaluation based on real measurements that have reliable sensitivity and specificity

>> explored open-source database alternatives to reduce organizational cost and fit within the IT ecosystem

>> actively participated in internal organizational dialog around the need to pivot from demonstrating *need* to demonstrating *efficacy*–championed the role data could play in program development, intervention, and outcomes

>> prepared recurring and special aggregated data reports for asset management compliance, annual organizational audit, resident programs grant reporting, and housing development RFP/RSFQ submissions

>> assist in any data related projects with community partners and research institutions

Skid Row Housing Trust_Los Angeles, CA

Health Services Coordinator / October 2014–July 2015

>> gathered baseline data on current resident enrollment in Medi-Cal, their health care utilization and access, history of chronic health conditions, as well as food intake.

>> performed statistical analysis of health survey data using Python–we had 200 respondents and were able to make programmatic changes based on our findings

>> developed and implemented health training workshops and on-on-one guidance for Program Managers and Resident Services Coordinators to improve knowledge of new Affordable Care Act-driven insurance enrollment challenges for residents with advanced conditions

>> implemented resident-focused trainings on managing and seeking help for chronic health conditions as well as creating health literacy guides for residents

>> planed and coordinated resident health fairs in collaboration with community health providers to improve health literacy of residents in connection to both chronic conditions as well as the resources in their community

>> provided coordinating support to Program Managers and staff charged with oversight of existing on-site health resources and wellness programs. Explored potential partnerships to provide residents improved health and well-being

>> prepared and maintained accurate reports and survey data utilizing the Efforts to Outcomes database

>> project troubleshooter par excellence.

Skid Row Housing Trust_Los Angeles, CA

Housing Transition Specialist / November 2013–September 2014

>> responsible for administering and uploading survey data to the Substance Abuse and Mental Health Services Administration (SAMHSA) and its affiliates while maintaining confidentiality and records keeping due diligence

>> worked with Resident Service Coordinators, programmatic staff, and grant evaluator on collecting and maintaining data pertinent mandated progress reports to SAMHSA

>> researched, wrote, and compiled bi-annual reports for the Cooperative Agreement to Benefit Homeless Individuals (CABHI) grant project

>> point-person/project manager for follow up and grant work-plan compliance with Skid Row Community Consortium

>> researched and identified future survey instruments for targeted sub-populations to improve data collection practices

>> participated in regular trainings, program evaluation, and program development

>> designed and edited Peer Advocate zine for commercial printing

>> improved client access to resources/information through small booklets tailored to the population

UCLA Powell Library_Los Angeles, CA

Social Media Intern / January 2013–November 2013

>> designed and implemented new digital signage/print flyers to promote library outreach, services, and events

>> created new social media presence for (then) new platform Vine to promote library collections and services

>> designed online content that highlighted collections, incorporated teaching and learning services and provided wide audience appreciation

>> facilitated presentation on approach and ideas to UCLA Library's social media steering committee

>> operated multi-tiered social media platform apparatus

LAC Group | on Assignment for USC Library_Los Angeles, CA

Library Clerk / June 2013

>> searched bibliographic records in ILS and assisted with processing and discarding of duplicates

>> performed copy cataloging of print monographs and serials

>> willingness to take on new/unfamiliar tasks in order to meet project contract requirements

>> maintained strong attention to detail

Taylor Mortgage Lawyers_Pasadena, CA

Administrator / May 2010–February 2011

- ❯❯ drafted outgoing legal correspondence and created document templates to ease workflow
- ❯❯ managed and trained receptionists on tasks, etiquette, and computer/office equipment
- ❯❯ communicated effectively with diverse groups
- ❯❯ acted as firm reference point for difficult or challenging matters
- ❯❯ immense use of research skills, ease in digesting difficult subjects/literature, teamwork, and timeliness

Chino Valley Unified School District_Chino, CA

Substitute Teacher / September 2008–July 2009

- ❯❯ facilitated classroom instruction for wide socio-economic populations and age groups
- ❯❯ able to pull together resources on the fly and improvise in the absence of a lesson plan
- ❯❯ passion to teach students useful skills for successful academic career

UCLA Philosophy Department_Los Angeles, CA

Library Assistant / January 2006–August 2006

- ❯❯ responsible for the circulation and shelving of philosophy department's library materials
- ❯❯ assisted with document delivery for department researchers and faculty
- ❯❯ carefully handled, cataloged (rudimentary metadata), and shelved donated library materials from estates of previous emeritus professors; chiefly Dr. Rudolf Carnap

🏆 Accomplishments

❯❯ Researched and implemented a suite of validated research questionnaires to collect survey data, deployed to database for end users to input; tidied, transformed, and modeled over 900 responses; and built and hosted a Shiny dashboard to communicate results. To be a part of the process from beginning to end was a huge learning process and I see it as a great accomplishment.

❯❯ Designed, proofed, prepared, and labored over Peer Advocate 'Zine for Skid Row Housing Trust's Hilton Project 'Zine "I Got You", which will be released during a end of grant event for all project participants

❯❯ Was asked to help design and brainstorm a flyer for the UCLA Library system because of interest in design and outreach for libraries—the final project was the "Top 10 Things" flyer, which was a successful campaign to engage students in library programming and services

❯❯ Was recognized by two articles online for work promoting library services and collections through early-adoption of Vine

🧍 Interests

❯❯ Learning more about statistics and data science; particularly its applications in R. I am more and more becoming interested in Bayesian approaches.

❯❯ Coding: I will likely never code as neatly as an engineer but I try to incorporate software enginnering best practicies as I can—I am very keen to become more proficient with workflows in `airflow`, deploying APIs to `AWS`, and taking on more data engineering as practicable.

❯❯ Design: I love typefaces and modernist design, in another life I would love to work as a designer or artist so it is something I passionately admire and sometimes try to do when time permits.

❯❯ Exploration: I like to explore other places through travel and food; ideologies through reading and communicating, and world through science and discovery!