Lubov McKone

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## Education

### Master of Science in Library and Information Science

**Advanced Certificate in Digital Humanities**  
Concentrations: Research and Data  
Pratt Institute (New York, NY)  
May 2023 (expected)

### Bachelor of Arts in Statistics

Independent Major: Urban Analytics & Engagement | Minor: Computer Science   
Boston University (Boston, MA)  
May 2018

## Professional Experience

### Data Analytics Tutor

CareerFoundry  
June 2022 – Present

* Provided one-on-one support and instruction to >20 adult students in CareerFoundry’s Data Analytics Bootcamp.
* Deepened students’ understanding of the full data lifecycle, including project scoping, stakeholder communication, data collection & processing, statistical analysis, data visualization & mapping, and data ethics.
* Conducted code reviews, troubleshooted errors, and provided student-tailored feedback for data projects using Excel, Tableau, SQL, and Python.

### Senior Data Science Fellow

UC San Francisco Industry Documents Library (San Francisco, CA)  
June 2022 – August 2022

* Designed and led an evaluation of video transcript accuracy to support the use of video transcripts as textual data by UCSF’s research community
* Processed & enriched textual data using Python, generating a reusable and reproducible research dataset and case study for transcript evaluation.
* Supervised 2 Junior Fellows in transcript editing and visualization design.
* Collaborated with UCSF’s Data Science Initiative to present findings and recommendations to institutional working groups

### Circulation Graduate Assistant

Pratt Institute Material Lab (Brooklyn, NY)  
January 2022 – May 2022

* Maintaining a special collection of over 25,000 circulating and non-circulating material samples and print resources.
* Providing in-person reference and assistance to undergraduates in the School of Design and the School of Architecture.
* Digitizing and cataloging the Lab’s pilot digital collection in ArtStor in support of remote learning.

### Digital Collections Intern

Tatter Textile Library (Brooklyn, NY)  
January 2022 – May 2022

* Maintaining the physical space of the library by shelving books and updating stack labels.
* Cataloging and classifying the library’s collection of textile-related texts in Libib using LCC.
* Creating a metadata schema for knitted swatches and associated ephemera in support of the Barbara Walker Knitting Project. Digitizing materials and entering data.
* Conducting reference interviews and connecting researchers to print and material resources.

### Research Assistant

Pratt Institute School of Information (Brooklyn, NY)  
October 2021 – December 2021

* Providing assistance on NSF-funded project “Data Literacy with, for, and by Youth”
* Co-designing data literacy activities for teens using NYC Open Data
* Editing and analyzing session transcripts

### Data Analyst & Migration Manager

City of Boston Supportive Housing Division (Boston, MA)  
May 2018 – July 2021

* Cleaned, reshaped, and merged government datasets using SQL and R.
* Created dashboards and reports that supported improvements to the performance and equity of Boston’s homelessness response system.
* Created data guides & FAQs to support the discovery and use of homeless services data by a community of ~600 policymakers and funders.
* Managed data portal product development team, determining priorities and timelines in collaboration with development lead.
* Managed data migration; cleaned and transformed over 4 million homeless service records and over 100 customized case management assessments into the new schema using R.
* Trained and supervised 5 consultants in the creation of custom data collection forms.

### Data Science Fellow

City of Boston Analytics Team (Boston, MA)  
May 2017 – May 2018

* Wrangled housing program data, created visualizations, and fit models using R and SQL for experimental update to housing matching algorithm.
* Built out production process to create interactive maps using housing court and census data using R Shiny.
* Created ETL pipeline for scraping, cleaning, and mapping arts event data with Python and PostGIS.

### Student Advisor

Boston University Orientation (Boston, MA)  
May 2016 – January 2017

* Supported the transition and acculturation of over 3,500 incoming students.
* Provided over 100 newly matriculated students with individualized assistance regarding class registration.
* Communicated with over 50 parents and helped connect them to on-campus resources.

## AWARDS & HONORS

* NE ASIS&T Conference Support Award (2022)
* Phi Beta Kappa (2018)
* Marvin I. Freedman Prize in Mathematics (2018)
* Robert E. Yellin Award for the Humanities (2017)
* National Merit Finalist (2014)

## Professional Organizations

* State University of New York Librarians Association (SUNY-LA), 2021 – present.
* Association of College & Research Libraries, NY Chapter (ACRL/NY), 2021 – present.
* American Library Association (ALA), 2022 - present
* ASIS&T, Co-Chair of Pratt Institute Chapter, 2022 – present

## SKILLS & TOOLS

* Data management, processing, analysis, & visualization:
  + SQL
  + R
  + Python
  + QGIS
* Project Management:
  + Asana
  + Github Projects
* File management:
  + Command Line
  + Git & Github
  + Zotero
* Ability to communicate technical concepts accessibly

## VOLUNTEER EXPERIENCE

### Urban Homesteading Assistance Board (New York, NY)

Data Analysis Volunteer  
February 2021 – July 2021

* Collected, cleaned, and merged information from NYC Open Data
* Created maps and visualizations for neighborhood reports in QGIS

### Somerville Growing Center

Garden Team Member  
February 2020 – May 2021

* Maintained an urban community garden of vegetables, herbs, and native plants
* Harvested, packaged, and distributed seed sharing packets at local farmers markets and schools