

TYLER WISEMAN

GITHUB: <https://bit.ly/ghubpage> | **LINKEDIN** | <https://bit.ly/trwlinked>

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SUMMARY

Data Analyst focused on cultural resource management with three years of experience in libraries, museums, and higher education. Skilled in Python, SQL/NoSQL databases, and visualization tools including D3.js, Leaflet.js, and Tableau. Passionate about data stewardship, data accessibility, and data's influence on local public policy. My professional background in libraries and archives has taught me the critical importance of documentation for data retrieval and how to balance attention to detail with the big picture to tell an accurate and compelling story.

TECHNICAL SKILLS

LANGUAGES | SQL, Python (Pandas, NumPy, SciPy, Requests, Flask), R, HTML, CSS, JavaScript (D3.js, Leaflet.js)

ENVIRONMENTS | Tableau, Visual Studio Code, Bash, PostgreSQL, MongoDB, Jupyter Notebooks

PROJECT MANAGEMENT | Git, Slack

PROJECTS

KNOW YOUR CONGRESS | **CODE:** <http://bit.ly/kycrepo> | **APP:** <https://knowyourcongress.herokuapp.com/>

Collaborative Flask app to explore House of Representatives using ProPublica Congress API, MongoDB, D3.js, Tableau.

CORONARY HEART DISEASE PREDICTION | **CODE:** <http://bit.ly/CHDrepo>

Collaborative machine learning project using a Random Forest classifier to predict 10-year risk of CHD.

WEATHERPY | **CODE:** <https://bit.ly/weatherpy> | **SITE:** <http://bit.ly/wthrpysite>

Jupyter Notebook with Matplotlib plots and statistical analysis using the OpenWeather API and Pandas.

EXPERIENCE

BOATWRIGHT LIBRARY

USER SUPPORT SPECIALIST

UNIVERSITY OF RICHMOND | RICHMOND, VA

AUGUST 2019 – PRESENT

- Investigate lost & missing materials by wrangling related data and communicating materials' status across departments
- Appraise federal depository court documents for catalog record accuracy
- Create and maintain work processes documentation to decrease learning curve of new employees and tasks
- Served on a Task Force to customize and test new library search interface to improve user experience

THE VALENTINE

NEIGHBORHOOD TOUR GUIDE

MUSEUM | RICHMOND, VA

AUGUST 2018 - PRESENT

- First and youngest new hire in over 5 years after earning Richmond Region Tourism certification
- Redesigned regularly occurring "City Center" tour with new standardized route, content, and name
- Researched and developed new tour in partnership with Virginia Museum of Fine Arts to complement Fall 2019 VMFA exhibition

ARCHIVES ASSISTANT

JUNE 2017 – APRIL 2019

- Catalogued historian's manuscripts increasing online accessibility of 1500+ historic documents
- Assessed 100 years of exhibition records to eliminate extraneous information

INSTITUTE FOR CONTEMPORARY ART

VISITOR EXPERIENCE ASSOCIATE

VIRGINIA COMMONWEALTH UNIVERSITY | RICHMOND, VA

MARCH 2018 – JULY 2019

- Standardized front desk procedures during institution's first year
- Collaborated with education department on data collection and drop-in tours

EDUCATION

DATA ANALYTICS & VISUALIZATION BOOT CAMP CERTIFICATE | *A+ average*

6-month intensive program focused on gaining technical programming skills averaging 40 hours of work per week

UNIVERSITY OF RICHMOND | RICHMOND, VA

JULY 2020

VIRGINIA COMMONWEALTH UNIVERSITY | RICHMOND, VA

BACHELOR OF ARTS | History & Social Justice | *magna cum laude*

DECEMBER 2014