

# TYLER WISEMAN

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

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## SUMMARY

User focused Data Analyst 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, PostgreSQL, MongoDB, Bash, Jupyter Notebooks

**PROJECT MANAGEMENT** | Git, Slack

## PROJECTS

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

Collaborative Flask app exploring the 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

- Investigate lost & missing materials by wrangling related data using advanced Excel techniques to compile dashboards and stats
- Appraise federal depository court documents for catalog record accuracy for internal inventory
- Perform technical writing to document work processes and provide instructions for library users and employees
- Served on a Task Force to customize and test new library search interface to improve user experience

### THE VALENTINE

#### NEIGHBORHOOD TOUR GUIDE

- Educate and engage a diverse audience on public walking tours utilizing inclusive language and perspectives
- 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

- Created finding aids for local historian's manuscripts increasing online accessibility of 1500+ historic documents
- Assessed 100 years of exhibition records to eliminate extraneous information and documents to increase collection usability

### INSTITUTE FOR CONTEMPORARY ART

#### VISITOR EXPERIENCE ASSOCIATE

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

### UNIVERSITY OF RICHMOND | RICHMOND, VA

JULY 2019 – PRESENT

### MUSEUM | RICHMOND, VA

AUGUST 2018 - PRESENT

JUNE 2017 – APRIL 2019

### VIRGINIA COMMONWEALTH UNIVERSITY | RICHMOND, VA

MARCH 2018 – JULY 2019

## EDUCATION

### UNIVERSITY OF RICHMOND | RICHMOND, VA

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

JULY 2020

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

### VIRGINIA COMMONWEALTH UNIVERSITY | RICHMOND, VA

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

DECEMBER 2014