DAVID RANZOLIN

Data is my craft; I am an expert data analyst, skilled R developer, and GIS specialist. While my first love was the humanities, after school I learned that writing code was more fun than writing papers.

💼 EXPERIENCE

current | 2022

Senior Data Analyst
Office of Economic and Workforce Development   📍 San Francisco, CA

· Developer and maintainer of WorkforceCentral, SmallBusinessCentral, CityBuild, and AB593 data products: SQL queries, R packages, Quarto reports, {targets} pipelines.
· AB593 Project Manager.
· GIS Application Developer.

2022 | 2019

Senior Institutional Research Analyst
San Francisco State University   📍 San Francisco, CA

· Lead analyst and developer of internal R packages.

2019 | 2014

Data Analyst
UCSC Extension Silicon Valley   📍 Santa Clara, CA

· Performed analytical studies on a variety of policies and programs; Assisted the Senior Business Analyst with ETL solutions. Cognos Analytics report author and trainer. Data Governance Group Chair. Knowledgebase Administrator.
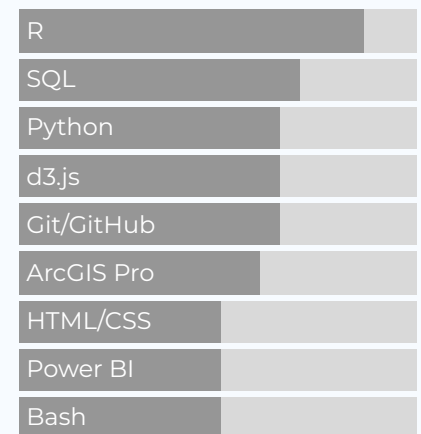
🎓 EDUCATION

2022 | 2020

M.S. in Geographic Information Science (15/30 units)
San Francisco State University   📍 San Francisco, CA

2013 | 2011

Master of Theological Studies
Emory University   📍 Atlanta, GA

2009 | 2005

B.A. English, B.A. Religious Studies
Pacific Union College   📍 Angwin, CA

· Emphases in Writing and History
· Sigma Tau Delta Honors English Society

CONTACT

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- 🐦 daranzolin
- github.com/daranzolin
- 🔗 daranzolin.github.io
- in linkedin.com/in/dranzolin

LANGUAGE SKILLS

- R
- SQL
- Python
- d3.js
- Git/GitHub
- ArcGIS Pro
- HTML/CSS
- Power BI
- Bash

🎖 AWARDS

2023 — **Research Advances in College Health Award**
American College Health Association

· Poster: Matching NCHA & Student Success Data: Findings and
  Recommendations

2015 — **Staff Appreciation and Recognition (STAR)**
UCSC Extension Silicon Valley

2014 — **Staff Appreciation and Recognition (STAR)**
UCSC Extension Silicon Valley

2013 — **Myki Mobley Award**
Emory University

🖥 TALKS

2022 — **Harnessing NCHA and IR Data for Campus Health and Educational Equity**
California Association for Institutional Research   📍 La Jolla, CA

2020 — **Building {htmlwidgets}**
California Association for Institutional Research   📍 San Diego, CA

2019 — **Building Internal R Packages**
California Association for Institutional Research   📍 Monterey, CA

2019 — **Commute Distance and Student Success**
California Association for Institutional Research   📍 Monterey, CA

2018 — **Improving the Student's Digital Experience**
Jenzabar Annual Meetings   📍 Nashville, TN

2016 — **R for Everything: Getting, Cleaning, and Visualizing Data**
California Association for Institutional Research   📍 Los Angeles, CA

🌿 VOLUNTEERING

2018 | 2015 — **Staff Advisory Board Member**
UC Santa Cruz   📍 Santa Cruz, CA

2015 | 2014 — **GED/Literacy Tutor**
Elmwood Correctional Facility   📍 Milpitas, CA

2012 — **Instructor**
Lee Arrendale State Prison   📍 Alto, GA

2011 ● **Teacher Assistant**
New American Pathways

📍 Clarkston, GA

📈 SELECTED R PACKAGES

● **ViewPipeSteps**
Create View() tabs for each %>% (v 0.1.0 on CRAN).

● **hacksaw**
Extra tidyverse-like functionality (v 0.0.2 on CRAN).

● **rcanvas**
R client for the Canvas LMS REST API.

● **rperseus**
R interface to the Perseus Digital Library (rOpenSci reviewed).

● **compareBars**
Simplify comparative bar charts with d3.js.

● **pinpoint**
Interactively explore a distribution with d3.js.

● **freshAirAppFinder**
Find closest route to a location under an AQI threshold. Shiny app
bundled inside a package using GitHub Actions.