

# DAVID RANZOLIN

Data is my craft; I am an expert R developer, skilled data analyst, 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  
|  
2019

- **Senior Institutional Research Analyst**  
San Francisco State University 📍 San Francisco, CA
  - Developer of internal R packages. Within the packages are plot and table themes, connections to various databases and APIs, report, slide, and project templates, KPI calculators, and other utility functions.
  - Architect for small ETL projects

2019  
|  
2016

- **Data Analyst**  
UCSC Extension Silicon Valley 📍 Santa Clara, CA
  - Gathered, cleaned, assembled, and visualized data; performed analytical studies on a variety of policies, programs and issues; and participated in administrative policy and program planning and development. Assisted the Senior Business Analyst with ETL solutions. Cognos Analytics report author and trainer.
  - Data Governance Group Chair
  - Knowledgebase Administrator
  - Staff Advisory Board Member

2016  
|  
2014

- **Data Analyst**  
Scout from University of California 📍 Santa Clara, CA
  - Conducted a variety of analyses requiring knowledge of: (1) University administrative organization, policies, procedures, and practices; (2) K-12 on-line education; (3) instructional design; and (4) statistical methods.

## EDUCATION

2013  
|  
2011

- **Master of Theological Studies**  
Emory University 📍 Atlanta, GA

2009  
|  
2005

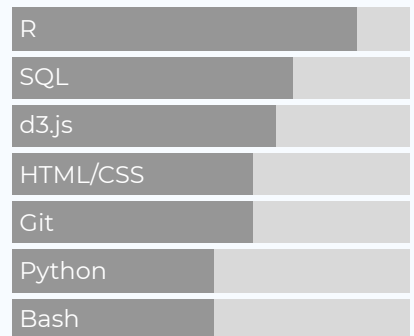
- **B.A. English, B.A. Religious Studies**  
Pacific Union College 📍 Angwin, CA
  - Emphases in Writing and History
  - Sigma Tau Delta Honors English Society



## CONTACT





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## LANGUAGE SKILLS



*Last updated on 2020-11-20.*




## TALKS

- 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

## AWARDS

- 2014, 2015 ● **Staff Appreciation and Recognition (STAR)**  
Scout from University of California  
· In recognition of exemplary performance and contributions
- 2013 ● **Myki Mobley Award**  
Emory University  
· Awarded for outstanding academic performance

## VOLUNTEERING

- 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 %>%
- **hacksaw**  
Extra tidyverse-like functionality (v 0.0.1 on CRAN)
- **rcanvas**  
R client for the Canvas LMS REST API
- **rperseus**  
R interface to the Perseus Digital Library (rOpenSci reviewed)