

# 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, calculations, 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.

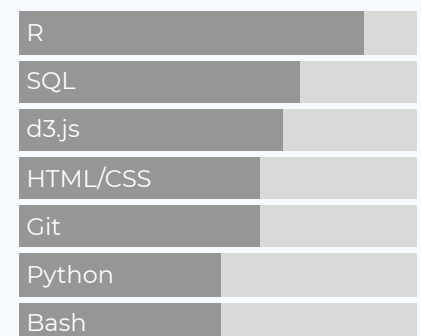
## EDUCATION

- 2013  
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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 2020-08-15.*



## TALKS

- 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






## SELECTED R PACKAGES

- **ViewPipeSteps**  
Create View() tabs for each %>%
- **d3rain**  
An htmlwidget built with d3.js
- **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)



## VOLUNTEERING

- 2012 • **Instructor**  
Lee Arrendale State Prison  Alto, GA
- 2011 • **Teacher Assistant**  
New American Pathways  Clarkston, GA
- 2014-2015 • **GED/Literacy Tutor**  
Elmwood Correctional Facility  Milpitas, CA