

jim Rothstein

R Coder/Data Analysis

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Seek R Developer Role with Clinical Trials data (ADaM, Admiral, pharmaverse)

<https://www.hireitpeople.com/resume-database/63-net-developers-architects-resumes/100270-r-programmer-data-scientist-resume-san-francisco-ca>

Technical

(vs Technical Skills) (vs Languages: R, SQL, OS: linux

- R, 4+ years package development, httr2, tidyverse/wrangle, data.table, shiny, quarto (some SCSS), webR, plots (base + ggplot2) roughly to level of Advanced R book.
- SQL: 2+ years, joins, data.table, dplyr; mySQL
- RStudio, Neovim/Nvim-R as IDE
- Exposure to regression models, KNN, Random Forest, Logical Regression
- R Shiny, modules, reactive programming, dashboard, bslib themes
- Quarto, Rmarkdown, latex, pandoc, Katex, knitr, some SCSS, CSS
- Git/Github: 3+ years, PR, merging
- Zsh Shell: 3+ years scripts, regex, configuration
- Lua - used to configure neovim, plugins including Nvim-R
- OpenAPI: wrote R code to prepare code, requests and convert responses to tibbles, including outh2.
- Linux (Debian, LinuxMint, Ubuntu): 4+ years, shell scripts, cron jobs, Rscripts

Recent Projects & Skills

- (active) Fix issues in Pharamaverse Admiral and sdmtchecks R packages.
- (active) Using Shiny developed preliminary dashboard for analysis of Drug Benefit Denials (public data from Center for Medicare and Medicaid (CMS)).

- (active) Used youtube API and `httr` and `httr2` to add/modify youtube.com playlists. Used OAUTH tokens scope. Active participant developing book Web APIs with R, using openAPI framework.
- Used tools in `rrapply` , `tidyr` , `vctrs`, `tibblify` to unravel deeply nested JSONs in tree/json format to table (from REST apis)
- (active) Contribute to various Open Source projects (Github)

RELATED WORK HISTORY:

2014 - present **R-Coders** Self-employed R programmer.

1996-2014 Self-employed contractor, including

- Webmaster, community expatriate website in China, 2005 – 2008 Setup, maintain, promote expat community-based website in Dalian, China. Selected Joomla, hosting company, hired and trained student volunteers.
- Capital IT Group, Dalian, China 2004- Mentor Chinese software engineers, light project management, pre and post sales.
- Center for Electronic Art, San Francisco, 2002 Taught Java, mySQL, jsp classes. Also supervised graduate student modeling shipping/ ordering/ inventory system.
- Teaching (1998-2012) Taught classes java, math, internet, statistics in China and California community college in US. Certified to teach math in at California community college.

Webmaster, Saratoga Systems, Campbell, CA (1996-1998) Maintain NT and IIS server. Various internet projects.

Web Database Development, Microsoft, Redmond, WA (1996) Web database applications using Asp, MS SQL; contractor.

Contract Programming Assignments: Chicago, IL (1986-1996) Designed and developed variety of business database applications (Paradox, Delphi, Access) For example

- Developed relational database model for insurance company to track debt and assets of its multi-billion dollar joint ventures/commercial properties.
- Developed order tracking system (paradox).
- Contributed to bank risk management tool (ms access)

Education

BS MIT, physics

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