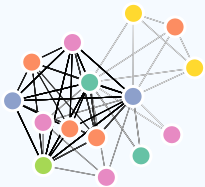# NICK STRAYER

As a software developer I use my background in data science to build tools to help people explore, understand, and work with their data better. I have made visualizations viewed by hundreds of thousands of people, sped up query times for 25 terabytes of data by an average of 4,800 times, and built packages for R that let you do magic.

SELECTED INDUSTRY EXPERIENCE

Principal Software Engineer Posit 📍 Remote

Current | 2024

- Working on all things up and down the stack of the Positron data science IDE.

Senior Software Engineer Posit 📍 Remote

2024 | 2023

- Creator and lead developer of the ShinyUiEditor low-code tool for building Shiny applications with a drag-and-drop interface

Software Engineer Posit 📍 Remote

2023 | 2020

- Helping make programming web applications with R easier and more beautiful on the Shiny team
- Helped create and release Shiny for Python. A ground-up rewrite of the Shiny app development platform for Python.

Data Journalist - Graphics Department New York Times 📍 New York, New York

2016

- Reporter with the graphics desk covering topics in science, politics, and sport.
- Work primarily done in R, Javascript, and Adobe Illustrator.

EDUCATION

PhD., Biostatistics Vanderbilt University 📍 Nashville, TN

2020

- Disertation: Network analysis and visualization for electronic health records data.
- Focused on network models & interactive visualization platforms for electronic health records data

B.S., Mathematics, Statistics (minor C.S.) University of Vermont 📍 Burlington, VT

2015

- Thesis: An agent based model of Diel Vertical Migration patterns of Mysis diluviana

SELECTED DATA SCIENCE WRITING

The Great Student Migration The New York Times

2016

- Most shared and discussed article from the New York Times for August 2016.

Wildfires are Getting Worse, The New York Times The New York Times

2016

- GIS analysis and modeling of fire patterns and trends
- Data in collaboration with NASA and USGS

Using AWK and R to Parse 25tb LiveFreeOrDichotomize.com

2019

- Story of parsing large amounts of genomics data.
- Provided advice for dealing with data much larger than disk.
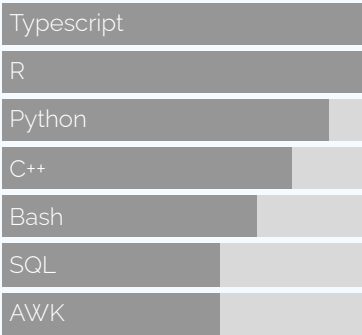- Reached top of HackerNews multiple times

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View this resume online with links at *nickstrayer.me/cv/resume*

For a longer form version, see my CV.

CONTACT

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- 🐦 NicholasStrayer
- 🐙 github.com/nstrayer
- 🔗 nickstrayer.me
- 💼 linkedin.com/in/nickstrayer

LANGUAGE SKILLS

- Typescript
- R
- Python
- C++
- Bash
- SQL
- AWK