JESS DE SILVA

I have made visualizations viewed by hundreds of thousands of people[1], sped up query times for 25 terabytes of data by an average of 4,800 times[2], and built packages for R[3] that let you do magic[4].

🎓 EDUCATION

2020 | 2015

PhD. Candidate, Biostatistics
Vanderbilt University   📍 Nashville, TN

- Focused on network models & interactive visualization platforms for electronic health records data
- University Graduate Fellow

2015 | 2011

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

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

💼 INDUSTRY EXPERIENCE

Current | 2020

Software Engineer
RStudio   📍 Remote

- Helping make programming web applications with R easier and more beautiful on the Shiny team

2016 | 2016

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

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

2015 | 2015

Engineering Intern – User Experience
Dealer.com   📍 Burlington, VT

- Built internal tool to help analyze and visualize user interaction with back-end products.

2015 | 2015

Data Science Intern
Dealer.com   📍 Burlington, VT

- Worked with the product analytics team to help parse and visualize large stores of data to drive business decisions.

CONTACT

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in linkedin.com/in/jessdesilva

LANGUAGE SKILLS

I have worked in a variety of roles ranging from journalist to software engineer to data scientist. I like collaborative environments where I can learn from my peers.

- R
- Javascript (JS.js)
- C++
- Python
- Bash
- SQL
- AWK
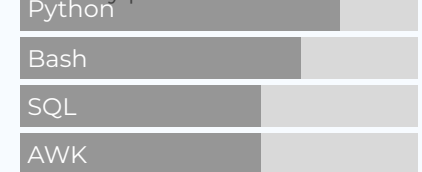
2015
|
2014

Data Artist In Residence

Conduce

 Carpinteria, CA

· Envisioned, prototyped and implemented visualization framework in the course of one month.
· Constructed training protocol for bringing third parties up to speed with new protocol.

2014
|
2014

Software Engineering Intern

Conduce

 Carpinteria, CA

· Incorporated d3.js to the company's main software platform.

🔗 LINKS

1: https://www.nytimes.com/interactive/2016/08/26/us/college-student-migration.html
2: https://livefreeordichotomize.com/2019/06/04/using_awk_and_r_to_parse_25tb/
3: https://github.com/nstrayer/shinysense
4: http://nickstrayer.me/dataDayTexas/