


CONNIE MÉNDEZ VERGARA




Analista Economico y Programacion Estadistica

- Organizada, responsable, proactiva, colaborativa, aprendizaje rapido, analitica.
- 5 anos de experiencia en analisis economico, programacion estadistica, optimizcion de procesos, trabajo con bases de datos de registros administrativos y encuestas, aplicacion de metodos cuatitativos.
- Conocimientos avanzados de R, R Studio. Habilidades y conocimientos de SQL, STATA, MS Office, Pyhton (Jupyter).
- En constante aprendizaje.

FORMACION

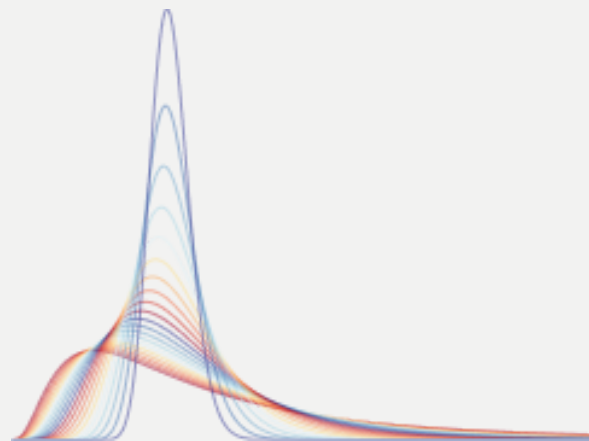
- 2020
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2015
- **PhD. Candidate, Biostatistics**
Vanderbilt University  Nashville, TN
 - Working on Bayesian network models & interactive visualization platforms
 - University Graduate Fellow
 - **B.S., Mathematics, Statistics (minor C.S.)**
University of Vermont  Burlington, VT
 - Thesis: An agent based model of Diel Vertical Migration patterns of Mysis diluviana
 - NA

EXPERIENCIA



- 2020
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2015
- **Graduate Research Assistant**
TBILab (Yaomin Xu's Lab)  Vanderbilt University
 - Primarily working with large EHR and Biobank datasets.
 - Developing network-based methods to investigate and visualize clinically relevant patterns in data.
 - NA
 - **Data Science Researcher**
Data Science Lab  Johns Hopkins University
 - Building R Shiny applications in the contexts of wearables and statistics education.
 - Work primarily done in R Shiny and Javascript (node and d3js).
 - NA
 - **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.

ACTIVIDADES COMPLEMENTARIA

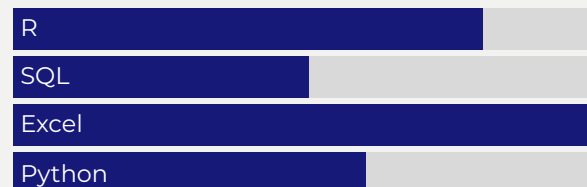
- 2019
|
NA
- **Using AWK and R to Parse 25tb**
LiveFreeOrDichotomize.com  NA
 - Story of parsing large amounts of genomics data.
 - Provided advice for dealing with data much larger than disk.
 - Reached top of HackerNews.



CONTACTO

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 Santiago, Chile.

SOFTWARE



OPEN SOURCE CONTRIBUTIONS

All projects available at
github.com/nstrayer/<name>

shinysense: R package to use sensor data in Shiny apps
tuftesque: Hugo theme (behind LiveFreeOrDichotomize.com)
slid3r: D3 add-on for fully svg slider inputs

MORE INFO

See full CV at nickstrayer.me/cv for more complete list of positions and publications.

2017
|
NA

● **The Traveling Metallurgist**

LiveFreeOrDichotomize.com

📍 NA

- Pure javascript implementation of traveling salesman solution using simulated annealing.
- Allows reader to customize the number and location of cities to attempt to trick the algorithm.
- NA

2016

● **The Great Student Migration**

The New York Times

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