VALLIAPPAN LAKSHMANAN

FULL STACK DEVELOPER

EDUCATION

UNC Charlotte Coding Bootcamp
- Currently enrolled in Full Stack Coding bootcamp
- Expected Graduation Date - Jan 2021

Masters
- Currently enrolled at The CUNY Graduate Center MS In Data Analysis and Visualization Program
- Expected Graduation Date - May 2021

Undergraduate
- SUNY STONY BROOK UNIVERSITY
- BE Engineering Science | Specialization in Management

TECH STACK

- Python
- HTML /CSS
- Javascript (D3.js, p5.js, React)
- Tableau
- Salesforce
- Adobe Premiere Pro/PhotoShop/After Effects

RELATED LINKS

Linkedin - https://tinyurl.com/y6ydn3z5
GitHub - https://github.com/v-lax
Personal Portfolio - https://v-lax.github.io/ResponsivePortfolio/html/main.html

CONTACT DETAILS

Email - valliappan.lakshmanan9@gmail.com

EMPLOYMENT HISTORY

MANAGER OF DATA AND EVALUATION
Change Machine formerly The Financial Clinic | 2019 - 2020

- Worked closely with our Product Development team to help improve the quality of the data we collected on our Salesforce based coaching app
- Explored our datasets to understand how we can use our data to help support national policies that help Low to Moderate Income families
- Conducted statistical analysis on multiple datasets for internal/external research projects and blog posts
- Collaborated with multiple teams to create data visualizations based on our data for internal and external presentations
- Created and maintained multiple Salesforce/Tableau dashboards that provide teams within the organization a snapshot of how programs are doing and the impact they are having
- Held weekly and monthly office hour sessions to walk staff through basic data reporting questions and managed expectations as organization transitioned over to new data collection software.

PROGRAM ASSOCIATE
Change Machine formerly The Financial Clinic | 2018 - 2019

- Lead and Co-facilitated trainings for local and national partner organizations on personal financial coaching strategies
- Designed tipsheets and training modules on personal finance topic
- Using Python and Plotly created visualizations of personal finance data to help demonstrate financial coaching topics In trainings

PROJECTS

40 YEARS OF THE AMERICAN DEATH PENALTY

- This project is a narrative exploration of the past 40 years of the death penalty. It uses data collected by the news team at The Intercept
- This project also includes the final statements of death row inmates before they were executed
- Project was made using HTML, D3.js, css and basic data cleaning was done using python and pandas
- Link to visualization can be found on my portfolio web page

MAPPING EVERY SHOT FROM THE 2018 NBA PLAYOFFS

- This was an exploratory data visualization that I completed for my Interactive Data Viz class. It maps every shot from the 2018 NBA Playoffs and allows an individual to compare shots among different teams and players
- The project used a dataset obtained from kaggle
- The project was made using D3.js, HTML, and css. Basic data cleaning was done using python
- Link to viz can be found on my portfolio web page