SOFTWARE ENGINEER

VALLIAPPAN LAKSHMANAN

CONTACT

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PERSONAL PROFILE

I am a Software Engineer, leveraging my experience in the social impact sector to design and build simple and elegant software products that make the world we live in a little bit better.

TECH STACK

Languages: HTML5, CSS3, Javascript ES6, SQL, Python

Applications: Github, MySQL, Heroku, Salesforce

Tools : Node.js, Express, Sequelize, D3.js, Bootstrap, React, Handlebars, JQuery

LINKS

- Linkedin
- Github
- Personal Portfolio

EDUCATION HISTORY

UNC Charlotte Coding Bootcamp Graduate

Masters
- MS in Data Analysis and Visualization at the CUNY Graduate Center
- Expected Graduation Date – May 2021

Undergraduate
- SUNY StonyBrook University
- Bachelors In Engineering – Engineering Sciences

PROJECTS

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
- Role: Front End design and development
- Tools: D3.js, HTML, CSS, Python Pandas.
- Link to deployed project

DAILY SERVICE RECORD TRACKER APPLICATION

- Built for individuals working as auto technicians this project is a full stack MVC application that allows a users to log, view, and keep track of the work that they have done.
- Role: Front End design and development
- Tools: Node, Express ,Sequelize, Bulma, Handlebars, Passport.js, Moment.js, D3.js
- Link to deployed Project

WORK EXPERIENCE

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
- Conducted statistical analysis on multiple datasets for internal/external research projects and blog posts
- 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

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