NIVETHA SIVAPRAKASAM
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SKILLS:

Programming: Python (scikit-learn, pandas, scipy, numpy), R, HTML/CSS, Java, C, d3
Software: UNIX, FreeBSD, AWS, Spark, Hadoop, Tableau
Statistics: Machine Learning (Supervised/Unsupervised), Bayesian Statistics
Database: SQL, MySQL, PostgreSQL

PROFESSIONAL EXPERIENCE:

Data Science Immersive **July 2016 - October 2016**
General Assembly, San Francisco, CA

- Web scraped UNHCR and World Bank to collect a country's economic, geographic, and political profile, later used that data to create a linear, logistic, and decision tree model to predict the number of refugees accepted and the continent that accepts them.
- Created a logistic model to predict whether a location had the West Nile virus based on the time, location, and species.
- Participated in a kaggle competition predicting the chance of cab cancellation based on the package type, distance, and time spent driving using a linear model.

Database Grader **January 2016 - March 2016**
UC Santa Cruz, Santa Cruz, CA

- Graded 3 database assignments written in SQL, focusing on DML and DDL.
- Created a script that emailed the students their feedback regarding the assignments.

Software Developer Internship **June 2015 - September 2015**
Eco-Catalyst, Sunnyvale, CA

- Created a java program that took data from Excel and inputted it to the MySQL server
- Created visualizations using Tableau to present the data collected.
- Hosted the .class files onto Apache Tomcat, to allow user interaction.

PROJECT:

Syrian Refugees **May 2016 - June 2016**

- Created a web data visualization project using d3, Javascript, HTML, and CSS to visualize the number of Syrian Refugees accepted in 2008, 2010, 2012, and 2014.
- Includes two options to view a breakdown of Refugees in 2014 by continent, or countries that accept more than 1000 Refugees.

EDUCATION:

General Assembly **San Francisco, CA**
Data Science Immersive October 2016
Relevant Coursework: EDA, Regression Models (Linear/Logistic), SQL, NLP, and Big Data

University of California Santa Cruz **Santa Cruz, CA**
Bachelor of Science, Computer Science (GPA: 3.63) June 2016
Achievements:

- Honors in Computer Science
- Dean's Honors in the following quarters: (Winter 2014 - Winter 2015, Fall 2015, Spring 2016)

Relevant Coursework: Web Application, Database Fundamental, Data Visualization, Operating System