SANJAY KALIYUR

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PROFICIENCIES

- Python
- Java
- C++
- Scala
- Swift
- Web Technologies (HTML, CSS, JavaScript, PHP, mySQL)
- Jupyter Notebook
- TensorFlow
- Version Control (Github, Bitbucket)
- MacOS
- Windows
- Linux (Ubuntu)

COURSEWORK

- C++ Programming
- Java Programming
- Data Science
- Probability & Statistics
- Data Structures
- Algorithms
- Web Programming
- Databases
- Programming Languages
- Embedded Systems
- Logic/Digital Design
- Calculus
- Differential Equations
- Linear Algebra
- Discrete Mathematics
- Economics

OBJECTIVE

Seeking full-time opportunities starting April 2018
Areas of interest: Data Science, Data Analytics, Software Engineering, Product Management, Business Development

EDUCATION

Santa Clara University (Jan. 2016 – Mar. 2018)
BS, Computer Science – Emphasis in Data Science

University of Washington, Seattle (Sept. 2014 – Dec. 2015)

WORK EXPERIENCE & INTERNSHIPS

IBM – Software Developer Intern (Summer 2017)

- Interned on IBM IMS Full Function Database team
- Developed functions to enhance performance of core database features
- Testing and bug fixing using QA Framework
- Used IBM Watson Cognitive Computing API to implant Artificial Intelligence and Machine Learning into cognitively aware robot
- Worked under Agile development principles

SHC Financial – Financial Data Analyst (Fall 2015)

- Created financial models to predict market growth.
- Analyzed financial and performance data to determine companies with the most investment value.

Connecttel – Software Engineering Intern (Summer 2015)

- Developed and tested financial modeling software used to collect and evaluate financial data to help clients with trading based on stock patterns.
- Developed JavaScript script to parse through a website and download archived videos stored at the site for data backup purposes.

Box – Intern (Summer 2013)

PROJECTS

Stock Prediction
Used TensorFlow, Natural Language Processing, & Twitter API to create neural network capable of predicting stock price of any given company. Program also performs sentiment analysis of the company based on tweets.

Sentiment Analysis of Amazon Review Data
Analysis of Amazon review data using Logistic Regression and Naïve Bayes' Classifier Machine Learning algorithms. Used Jupyter Notebook, Python, SciKit, Numpy.

Website – educamps.us
Fully functional website with front-end and back-end. Used HTML, CSS, JavaScript, PHP, MySQL, AWS, Bootstrap API.

OTHER

Volunteer – CORAL at Washington Elementary School