

SANJAY KALIYUR

RESIDENCE Saratoga, CA

CITIZENSHIP USA

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PROFICIENCIES

- C++
- Java
- Python
- R
- Swift
- Web Technologies (HTML, CSS, JavaScript, PHP, MySQL)
- Version Control (Github, Bitbucket)
- Command Line
- MacOS
- Windows
- Linux (Ubuntu)

KEY 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: Product Management, Project Management, Business Development, Software Engineering, Data Science, Data Analytics, Supply Chain, Operations

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
- Performed testing and bug fixes 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 (Autumn 2015)

- Internship with clients from internship at Connecttel.
- Acted as liaison between client and engineering team to manage product
- 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)

- Helped in the development and testing of 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

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 API, Numpy API.

Website – educamps.us

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

Personal Website – sanjaykaliyur.github.io

Used HTML, CSS, JavaScript, PHP, Bootstrap API.

OTHER

Volunteer – CORAL at Washington Elementary School