Arjun Srinivasan

CONTACT

Software Engineer

PROFESSIONAL EXPERIENCE



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**Backend Engineer - Deliverr**

*Mar. – Oct. 2020*

* Implemented solution that allowed for groups of orders to have specific on time delivery targets, reducing the cost of certain orders by 25%.
* Developed solution to make critical information on shipping labels more visible, reducing receiving errors at warehouses by 15%

**Software Engineering Intern – Samsung Austin R&D**

*Jun – Aug 2019*

* Reduced load times for users by 30% through the development of a server-side caching algorithms that utilized predictive caching for faster response times
* Developed solution for user creation of personalized analytics widgets based on Jupyter Python Notebooks, allowing each user to customize and save their dashboards.

**Software Engineering Intern – People Data Labs**

*May – Nov 2018*

* Implemented neural network solutions to find hidden insights in customer data & identify trends in large data sets
* Improved API performance by 40% by developing workload management programs that balanced workloads across multiple servers.
* Reduced API response time by 20% by developing algorithms that evaluated the most efficient way to execute a query

Bachelor of Arts / Computer Science

*University of California - Berkeley  
2016 - 2019*

EDUCATION

* Numpy
* Pandas
* Spark
* OpenMP
* Node
* React
* PyTorch
* TensorFlow

KEY TOOLS/LIBARIES

HTML/ CSS

C / C++

JavaScript

SQL

Java

Python

KEY LANGUAGES

* Developed an interactive Alexa Skill that tests users knowledge of sports trivia
  + This skill was recognized by Amazon as a top performing app in the Alexa Skills Store.
* Developed neural networks to solve problems for digit classification, language identification, and regression equations.
* Implemented a WebGL fluid simulator based on Navier-Stokes equations that allowed users to control density and velocity of the fluid

PERSONAL PROJECTS