Arjun Srinivasan

Software Engineer

CONTACT

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arjunsrinivasan1997.github.io

EDUCATION

Bachelor of Arts - Computer Science
University of California - Berkeley
2016 - 2019

KEY LANGUAGES

Python ●●●●●

JavaScript ●●●●●

Java ●●●●●

SQL ●●●●○

C / C++ ●●●●○

HTML/ CSS ●●●●○

KEY TOOLS/LIBARIES

- Node
- React
- PyTorch
- TensorFlow
- Hadoop
- Numpy
- Pandas
- Spark
- OpenMP
- HBase

PROFESSIONAL EXPERIENCE

Data Engineer – TrueCar
Nov. 2020 – Present

- Developed new pipeline that facilitated the processing of thousands of new records per day for Ford and Acura vehicles.
- Optimized algorithm for processing new car data, reducing overall execution time by 20%

Backend Software Engineer – Deliverr.com
Mar. – Sept. 2020

- Reduced cost of orders by 25% implementing a solution that allowed for groups of orders to have lower on time delivery targets based on where the order originated.
- Lowered inventory receiving errors by 15% by developing an API that made critical information on shipping labels more visible.

Software Engineering Intern – Samsung Austin R&D Center
Jun. – Aug. 2019

- Reduced load times for user programs by 30% through development of custom server-side caching algorithms using predictive caching.
- Developed solution for user design & creation of personalized analytics dashboards based on Jupyter Python Notebooks.

Software Engineering Intern – People Data Labs
May. – Nov. 2018

- Improved customer API performance by 40% by developing workload management programs that more efficiently balanced workloads across multiple servers.
- Reduced API query response times by 20% by developing algorithms that implemented the most efficient query execution pathways

PERSONAL PROJECTS

- Developed an interactive Alexa Skill that tests users' knowledge of trivia and learned topic preferences
    - Skill was recognized by Amazon as a top performing app in the Alexa Skills Store.
- Implemented a WebGL fluid simulator based on Navier-Stokes equations that allowed users to control density and velocity of the fluid