Arjun Srinivasan

Software Engineer

CONTACT

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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
- Numpy
- Pandas
- Spark
- OpenMP

PROFESSIONAL EXPERIENCE

Backend Engineer - Deliverr
Mar. – Oct. 2020

- Reduced cost of orders by 25% by 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 users by 30% through the 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

- Implemented neural network solutions to surface latent insights in customer data & identified trends in large data sets.
- 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 sports trivia
  - Skill was recognized by Amazon as a top performing app in the Alexa Skills Store.
- Developed neural networks that were able to classify handwritten digits, solve language identification problems, and develop the optimal strategy for playing Pacman
- Implemented a WebGL fluid simulator based on Navier-Stokes equations that allowed users to control density and velocity of the fluid