

Arjun Srinivasan

Software Engineer

CONTACT

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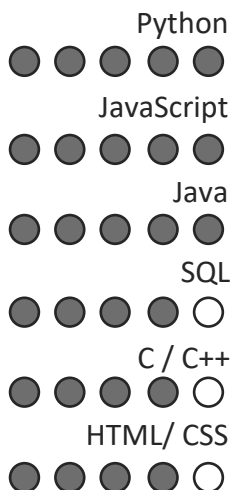
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EDUCATION

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

KEY LANGUAGES



KEY TOOLS/LIBRARIES

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

PROFESSIONAL EXPERIENCE

Software Development Engineer – Amazon Prime Video

Mar. 2020 – Present

- Developed a system that could automatically resolve live stream errors, reducing overall issue volume by 20%.
- Implemented a system that analyzed current issues, and recommended solutions based on how similar issues were solved in the past.

Data Engineer – TrueCar

Nov. 2020 – Mar. 2020

- 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

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.

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