

# Arjun Srinivasan

## Software Engineer

### CONTACT

727-252-4303



arjunsrinivasan1997@gmail.com



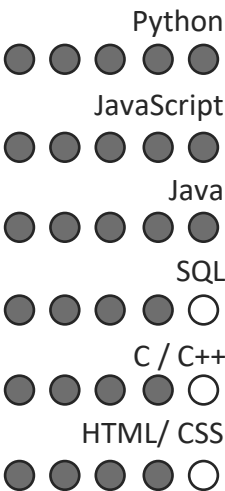
[arjunsrinivasan.dev](https://arjunsrinivasan.dev)



### 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 Engineer – Meta

Jan. 2024 – Present

- Designed and implemented multiple systems to support the deployment of end-to-end encrypted messaging on both Messenger and Instagram.
- Enhanced telemetry collection and upgraded the automatic processing and sorting of reported bugs, while also improving the bug viewer—contributing to a 30% reduction in average bug resolution time.

#### Software Development Engineer – Amazon Prime Video

Mar. 2021 – Jan. 2024

- 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. 2021

- 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.

### 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