



# DAVID JUBOOR

## Places

2019 - Present

**Walt Disney Company**  
Lead Data Science Architect

Directed deep learning **computer vision** team  
Led **peta-scale cloud** applications for PhotoPass  
Reduced annual workforce costs by **\$20MM**

2018

**LexisNexis**  
Sr Data Science Architect

MVPed next-gen **NLP** data mining systems  
Architected and optimized **serverless DL** in AWS  
Productionized system to serve 300M docs daily

2018

**Bloomberg L.P.**  
Data Scientist

Updated unsupervised NLP systems with **t-SNE**  
Supported **webscraping botnet** with 2BB bots

2017 - 2018

**Glaxo Smith Kline**  
Data Scientist

Developed DL **anomolly detection** for lab robotics  
Reduced lab material requirements by **500x**

## Projects

2016 - 2019

**Vertex Laboratories**  
Founder

Technical founder of Philadelphia **AI research** firm  
Led technology, operations, and research vision  
Developed partnerships with **Nvidia, AWS, IBM**, etc

2017

**MakeMIT**  
Awarded \$15,000 in prizes

Integrated modern DL architectures on **IoT** Devices  
Ported text generation via **GANs** to Jetson TX-1  
Generated poetry letter-by-letter in **Torch**

2016 - 2017

**SpaceX Hyperloop**  
Top 5 of 1,200 global teams

Led **control systems** team of 16 for prototype pod  
Designed and built embedded navigation systems

2016

**Orai**  
Lead Data Scientist

Optimized novel **speech processing** application in **kaldi**  
Reduced server Speech To Text computation by **40x**



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[www.github.com/djuboor](http://www.github.com/djuboor)

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Python    AWS    Machine Learning    TensorFlow    Keras    SQL    Serverless    Tableau    Data Visualization  
Bash    GCP    Azure    Deep Learning    Web Scraping    MTurk    Sagemaker    Athena    Agile    CI/CD