Steven Z. Chen

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Interests

Machine Learning and Computer Vision
Deep Learning
Data Science
Autonomous Vehicles

Education

Stanford University 2017 - 2019
MS, Computer Science. Specialization: AI. ***(GPA: 4.0)***

University of Texas at Austin 2014 - 2017
BS, Computer Science, Honors. ***(GPA: 4.0)***
Minor, Business. Thesis: Prominent Differences in Relative Attributes

Work Experience

NVIDIA – Autonomous Vehicle Software Intern – Santa Clara 2018
Working on the Deep Learning Performance team within NVIDIA autonomous drive.

***Riot Games* – Data Science Intern – Los Angeles** 2017
Worked on distributed machine learning recommendation algorithms using Python, SQL, Spark, and Hive. Built an efficient client-side recommendation system for League of Legends in C++ and Node.js.

***Google* – Software Engineering Intern – Mountain View** 2016
Worked on Google Photos MapReduce backend infrastructure. Built a new storage API for MapReduce pipelines in Java, Python, and Google Cloud Dataflow.

***RetailMeNot* – Software Engineering Intern – Austin** 2015
Built a critical backend service that ranks promotional content displayed for store pages using Python and MongoDB. Optimized sorting algorithms to increase user engagement.

Research and Teaching Experience

***Stanford University* – Graduate Teaching Assistant** 2017 – 2018
2018: Teaching assistant for CS102 Big Data, taught by Dean Jennifer Widom.
2017: Teaching assistant for CS161 Algorithms, taught by Mary Wootters and Leonidas Guibas.

***UT Computer Vision Group* – Research Assistant** 2015 - 2017
Worked with Professor Kristen Grauman on vision and ML research on visual attribute comparisons. Research published in CVPR 2018.

Published Work

Compare and Contrast: Learning Prominent Visual Differences. S. Chen and K. Grauman. In IEEE Conference on Computer Vision and Pattern Recognition (**CVPR**), 2018.

Languages and Frameworks

Python, C++, SQL, PyTorch, Keras, Java, MATLAB — experienced
C, Tensorflow, R, JavaScript — familiar

Selected Coursework

Machine Learning and Deep Learning
Computer Vision (Recognition, 3D, CNNs)
Artificial Intelligence
Data Mining
Interactive Computer Graphics
Visual Computing Systems

Honors

UT Dean's Honored Graduate
Highest UT honor, awarded to fewer than one percent of undergraduates.

Stanford Teaching Assistantship
Turing Scholars, Dean's Scholars Honors
UT Science Presidential Scholarship