Steven Z. Chen

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Interests

Data Science and Machine Learning
Computer Vision
Deep Learning
Distributed Computing

Education

Stanford University 2017 - 2019
MS, Computer Science (Specialization: Artificial Intelligence)

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

Work Experience

***Riot Games* – Data Science Intern – Los Angeles** 2017
Worked on distributed machine learning recommendation algorithms using Python, SQL, Spark, and Hive. Built a highly 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 coupon content displayed for store pages using Python and MongoDB. Optimized sorting algorithms to increase user engagement.

Research and Teaching Experience

***Stanford* – Graduate Teaching Assistant** 2017
Graduate teaching assistant for CS161 Design and Analysis of Algorithms.

***UT Vision Group* – Research Assistant** 2015 - 2017
Worked with Professor Kristen Grauman on computer vision and machine learning research focusing on visual comparisons. Wrote and defended an undergraduate honors capstone thesis.

Languages and Technologies

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

Programming Projects

Face Detection MATLAB, Python
Multi-scale face detector using an SVM trained on histogram of gradients data.

Lemonade Programming Language C++
Designed a functional programming language with libraries, nesting data structures, and shell.

Selected Coursework

Machine Learning / Deep Learning
Artificial Intelligence
Computer Vision
Data Structures / Algorithms
Data Mining
Undergraduate Honors Thesis

Honors

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

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