

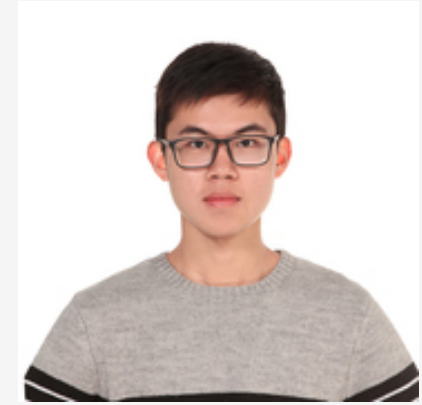
JINNING LI

UNDERGRADUATE IN COMPUTER SCIENCE

[Download PDF](#)
lijinning@sjtu.edu.cn
+86 176-2178-2336
[Github: jinningli](#)

Personal Information

I'm a junior undergraduate student major in Computer Science at [ACM Honored Class, Zhiyuan College, Shanghai Jiao Tong University](#).



Technical

C/C++

Python

Java

HTML/Javascript

Tensorflow

Pytorch

Research Interest

Data Mining

Natural Language Processing

Computer Vision

Deep Learning

Publications

Emo2Pop: Topic Popularity Prediction with Emotion Intensity Time Series (Under Reviewing)

Jinning Li, Qiang Zhang, Jiayi Xu, Xiaofeng Gao, Guihai Chen. Emo2Pop: Topic Popularity Prediction with Emotion Intensity Time Series. Submission to ICDM, 2019.

LINE ARTIST: A Multi-style Sketch to Painting Synthesis Scheme

[\[Website\]](#)[\[Arxiv\]](#)Jinning Li and Siqi Liu, Mengyao Cao. LINE ARTIST: A Multi-style Sketch to Painting Synthesis Scheme.

DANCINGLINES: An Analytical Scheme to Depict Cross-Platform Event Popularity

[\[Website\]](#)[\[Arxiv\]](#)Tianxiang Gao, Weiming Bao, Jinning Li, Xiaofeng Gao, Boyuan Kong, Yan Tang, Guihai Chen, Xuan Li. DancingLines: An Analytical Scheme to Depict Cross-Platform Event Popularity. International Conference on Database and Expert Systems Applications (DEXA), 2018.

Projects

Compiler 2017

May. 2017

<https://github.com/jinlingli/Compiler-2017>

A compiler written in Java for the compiler course. The source language is a mixture of C and Java. The target is x86 assembly.

Audio Tagging

Jan. 2018

<https://github.com/jinlingli/Audio-Tagging>

[[Report](#)] Project of MS318, Deep Learning. LSTM model and gated CNN model are used to solve the audio utterance tagging task.

Text Classification

Mar. 2017

<https://github.com/jinningli/Text-Classification>

[[Report](#)] A course work in CS420: Text Classification using Linear Regularized Regression Method. Using Jieba word parsing and efficient feature selecting algorithm.

Ray Tracer

Jun. 2016

<https://github.com/jinningli/Ray-Tracer>

[[Demo Output](#)] A C++ program to operate Ray Tracing on a 3D model and output a 2D picture.

A simple CPU

Apr. 2017

<https://github.com/jinningli/CPU>

[[Report\(CHS\)](#)] A course work in Computer Architecture. It's a CPU with five assembly line in Verilog language. And It ran successfully in FPGA.

MIPS Simulator

Jul. 2016

<https://github.com/jinningli/Mips-Simulator>

A C++ program to simulate MIPS assembly code and give the result, with virtual CPU, Register, RAM and ROM.

Text Compressor

Aug. 2016

<https://github.com/jinningli/Text-Compressor>

A efficient C++ program to compress text by about 50%, using Huffman Tree and Word Reduce algorithm.

Item Recommendation

Apr. 2017

<https://github.com/jinningli/Item-Recommendation>

[[Report](#)] A course work in CS420: A Item Recommendation System using machine learning method. Factorization machines, MCMC sampling and ensemble algorithm are adopted.

Teaching Experience

C++ Programming

Fall 2016

Teaching Fellow at Shanghai Jiao Tong University

https://acm.sjtu.edu.cn/wiki/Programming_2016

* Design homework and test to help students master the basic idea of C++ programming.

* Give a lecture on dynamic programming [[slide](#)].

* Give a lecture to help students do reviewing [[slide](#)].

Operating System

Spring 2018 ~ Present

Teaching Fellow at Shanghai Jiao Tong University

* Design a project to help students learn about Ptrace and the principle of GDB. [[Github](#)]

Research Experience

ANL Lab at SEIEE SJTU

Summer 2017 ~ Present

Data Mining, Social Network, Time Series Analysis, Neural Network

Advisor: [Prof. Xiaofeng Gao](#)

Cross-Platform Event Popularity Analysis

Designing a universal scheme analyzing event popularity on Weibo and Baidu platform. It contains a semantic-aware popularity model and a TextRank algorithm with a word selection process. Then using a efficient time alignment model to

Data Extraction and Analysis on WeChat

Extraction, classification and Analysis of a enormous dataset on the official accounts of WeChat platform. Using statistics, network, and machine learning algorithms.

interpret and predict event
popularity trends.

Research Intern in Cornell University Summer 2018 ~ Present

Counterfactual Machine Learning

Advisor: [Prof. Thorsten Joachims](#)

Research Intern in Purdue University Fall 2018 ~ Present

Machine Learning Applications

Advisor: [Prof. Yexiang Xue](#)

Awards

The Level A Academic Excellence Scholarship Summer 2017

Zhiyuan College Honored Scholarship Summer 2017

2017 Consortium for Mathematics and Its Applications Spring 2017

[Meritorious Winner](#)

[\[Paper\] Modeling the Process of Airport Security : Modification and Evaluation](#)

The OutStanding Award of Student Union Spring 2017

2016 Consortium for Mathematics and Its Applications Spring 2016

[Honorable Mentions](#)

[\[Paper\] Bath Model Based on Heat Transfer Model and Analytic Hierarchy Process](#)

Dongrun-Yau Science Award Summer 2015

First Prize(Regional Contest), Successfully Participation(World Final)

The 7th Certificate Authority Cup of MCM Spring 2015

Outstanding Winner

*Education
Background*

Shanghai Jiao Tong University - Shanghai, China Sep. 2015 ~ Present

Major: Computer Science (ACM Honored Class)

Minor: Finance

GPA: 3.7/4.2

Average Score: 86/100

GPA Ranking: 9/25

Comprehensive Ranking: 2/25