

Xingbang Liu

☎ +01 (814)-795-0122 ☎ +86 159-2777-8874 520 N Main Street, Box 721, Meadville, PA, 16335 ✉ liux2@allegheny.edu

pages

in Xingbang Liu

liux2

🌐 xingbangliu.io

courses

- Principles of Computer Organization
 - Data Analytics
 - Algorithm Analysis
- Artificial Intelligence
 - Discrete Structures
- Compiler Development
- Foundations of Psychology
 - Human Social Behavior
 - Research Methods in Psychology
- Sensation and Perception

languages

Java, Python, R, C, MIPS,
JavaScript, HTML

tools

Adobe Creative Suite, \LaTeX ,
Git, (Ba)sh, Linux/GNU,
Office Suite

gpa

Major: 3.513
Overall: 3.283

awards

Cupper Scholar
Alden Scholar

interests

artificial intelligence (recommendation system and natural language processing), software development

education

Aug 2016 – present

Allegheny College

Computer Science Major, Psychology Minor
Graduating May 2020

Meadville, PA

experience

Feb 2018 – present

International Admissions Assistant

Allegheny College

Student assistance and social media

- Managing College social media platforms
- Posting necessary information
- Tools utilized: *WeChat, Weibo, Instagram, Twitter*

May 2018 – present

Research Assistant

Allegheny College

Python NLP application

- Developed and enhanced an application to select information from interview records for MyMeadville organization
- Tools utilized: *Python, Numpy, NLTK, Pytextrank, scikit-learn, GitHub, \LaTeX , Markdown*

projects

Mar 2017 – Apr 2017

Texas Hold'em Poker Game

Semester Final Project

A Java program for data structure practice

- Implemented the game by using data structures, such as array list and stack, to make basic functions of the game.
- Tools utilized: *Java, BitBucket*

Nov 2017 – Dec 2017

US Mass Shooting Data Analysis

Semester Final Project

A R language project for practice purpose

- Visualized the data by geological information, age information, and mental health state information. Analysis explored connections between age and mental health states.
- Tools utilized: *R, Kaggle, GitHub*

Apr 2018 – May 2018

Simple Music Suggestion System

Semester Final Project

A Java project for data structure practice

- Implemented the DailyMix, MySong, and SortList functions based on existing suggestion systems.
- Tools utilized: *Java, GitHub*