Xingbang Liu

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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, Unity3D, Android SDK, 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** | Meadville, PA |

Computer Science Major, Psychology Minor
Graduating May 2020

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*