ILLINOIS

ZHANG Xingjian Owen

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20 | Male

EDUCATION

University of Illinois at Urbana-Champaign (UIUC)　　　　　　　Sep 2020 - Jun 2023
Mathematics & Computer Science Bachelor　　　　　　　　　　　　　Champagne, IL
- GPA : 4.0 / 4.0
- College of Liberal Arts and Science
- Dean's List, Fall 2020

The Hong Kong Polytechnic University　　　　　　　　　　　　　Sep 2018 - Sep 2020
Internet & Multimedia Technology(ECE) Bachelor　　　　　　　　　　Hong Kong
- GPA:3.77/4 (Weighted:3.90/4)
- EIE Student Award: Best Semester GPA Award & Best Academic Improvement Award
- 2019-2020 Dean's Honours List

RESEARCH EXPERIENCE

Algorithms for Big Data　　　　　　　　　　　　　　　　　　　　Jul 2020 - Aug 2020
Instructor: Dr. David Woodruff, Associate professor @Carnegie Mellon University　　CIS Program
- 30 hours/week, 6 weeks in total
- Solid understanding of algorithms for big datasets, convex optimization and neural networks
- Y. Bian, C. Liu, B. Wang and X. Zhang, "Application of Convexified Convolutional Neural Network in Text Classification," *2021 IEEE International Conference on Consumer Electronics and Computer Engineering (ICCECE)*

COURSES

- **Finished courses:** CS125(Intro to CS), CS126(Coding studio), CS173(Discrete math), CS225(Data structure), CS357(Numeric methods), MATH415(Linear Algebra) until 2021 Spring
- **Used Programming Languages:** Java, C++, Python, R, SQL
- **Courses in progress:** CS446 (Machine learning), CS412(Data mining), CS374(Algorithm), MATH484(Nonlinear programming) in 2021 Fall

PROJECT EXPERIENCE

CS126 Coding projects (In progress)　　　　　　　　　　　　　　Jan 2021 - May 2021
- Code in C++ and Java for weekly assignment
- 6000+ lines of code
- Covered topics: Naive bayes, Linked list, JSON application, etc.

Hackathon Project　　　　　　　　　　　　　　　　　　　　　　Aug 2019 - Aug 2019
Team Leader　　　　　　　　　　　　　　　　　　　　　　　　　　Shanghai
- Product: Intelligent home control system
- Automated system designed to control the items in a bedroom: the switch of lights and controlling the curtains
- Using Arduino Board, sensors, motors, related transferring knowledge and programming knowledge

WORKING EXPERIENCE

Tencent　　　　　　　　　　　　　　　　　　　　　　　　　　　Feb 2020 - Apr 2020
Tencent Business Analysis Intern Tencent Game　　　　　　　　　　　Online
- participated in domestic and foreign game competitive products/case analysis, industry research, information collection and summary, data analysis and visualization, etc
- disassemble the gameplay and deduce the category

Guizhou Love starts from heart organization　　　　　　　　　　　Jun 2018 - Aug 2018
Volunteer　　　　　　　　　　　　　　　　　　　　　　　　　　　Guiyang
- Worked as the secretory of the tutor for 5 hours per week
- Offered courses to the teachers in primary school and junior high school in rural areas About psychological skills dealing with leftover children

HONORS & AWARDS

EIE Semester GPA Award	2019.7
Kaggle Competition Bronze Medal (Top 9%)	2020.1
2017 merit student in Guiyang city	2017.9
EIE Best Academic Improvement Award	2019.7
2019-2020 Dean's Honors List (PolyU)	2020.11
2020 Fall Dean's List (UIUC)	2021.3

EXTRACURRICULAR ACTIVITIES

TechX Academy　　　　　　　　　　　　　　　　　　　　　　　Jul 2019 - Aug 2019

Member Learner in Deep Learning   Shanghai
- Course: Knowledge about Deep Learning and Machine Learning
- Basic skills learning: designing a website, making a software, entrepreneurship

Hong Kong basketball competition for mainland student   Feb 2019 - May 2019
Team member Basketball Team   Hong Kong
- Championship in this competition (Gold Medal)
- Position: Small Forward

Chinese senior high school student leadership competition   Mar 2017 - Jul 2017
Co-founder & Leader Planner   China
- Make program plan in protecting cultural heritage
- Ask for sponsorship successfully for 8000$