Owen Xingjian Zhang

+1 217 200 3445 | xz90@illinois.edu
website: xz90.github.io

ILLINOIS

EDUCATION

University of Illinois at Urbana-Champaign (UIUC)   Sep 2020 - Jun 2023
Mathematics & Computer Science Bachelor   Champagne, IL
- GPA: 3.95 / 4

The Hong Kong Polytechnic University   Sep 2018 - Sep 2020
Internet & Multimedia Technology(ECE) Bachelor   Hong Kong
- GPA: 3.77 / 4 (Weighted: 3.90 / 4)

RESEARCH EXPERIENCE

Peer Evaluation Visualizing Approaches   Jan 2022 - Present
Undergrad researcher @ ORCHID lab   Champaign, IL
- Ongoing project: Activity traces or objective contributions can be captured with online tools. We are currently working on designing peer evaluation interfaces to improve students' teamwork performance by giving a more accurate, timely, and objective evaluation.
- Work with Ph.D. student Wendy Shi, Advised by Prof. Brian Bailey

Mapping system on academic profiles   Jan 2022 - Present
Undergrad Researcher   Champaign, IL
- Ongoing project: Design a system that maps social media profiles with academic authorship profile
- Research project for CS598 (Social Computing)
- Advised by Prof. Eshwar Chandrasekharan

Algorithms for Big Data   Jul 2020 - Aug 2020
Undergrad Researcher @ CIS Program   Remote
- 30 hours/week, 6 weeks in total
- Solid understanding of algorithms for big datasets, convex optimization and neural networks
- Advised by Prof. David Woodruff @ Carnegie Mellon University
- 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)*

PROJECT EXPERIENCE

PeopleWeave: a matching application for researchers   Dec 2021 - Present
Design team   Champaign, IL
- PeopleWeave aims to build a website matching researchers with similar research interests
- Design User Interface for our application
- Conduct user research and case study of other popular academic platforms
- Advised by Prof. Matthew Caeser

Interactive Mobile Music Exporing App   Aug 2021 - Dec 2021
UI Designer   Champaign, IL
- Final project of CS465(UI design)
- A mobile music app using graph visualization to show the relations between artists
- Build on Android studio

Interactive Particle Simulator   Jan 2021 - May 2021
Coder   Remote
- CS126 Final project: making images by simulating particles
- Code in C++ and Java for weekly assignment
- 6000+ lines of code
- Covered topics: Naive Bayes application, Physical movement estimator, JSON application, etc.

HONORS & AWARDS

UIUC Study Abroad I4I Scholarship   2021.12
UIUC Dean's List   2020-2021
Hong Kong PolyU Dean's Honors List   2019-2020

COURSES

- **Finished courses:** CS courses(Coding Studio, Data Structure, Numerical Methods, Algorithms, Machine Learning, UI design) Math courses(Calculus I II III, Linear Algebra, Fundamental Mathematics, Nonlinear Programming)
- **Courses in progress:** CS565(HCI), CS598(Social Computing), CS441(Applied Machine Learning)
- **Used Programming Languages:** Java, C++, Python, Java Script, R, SQL

WORKING EXPERIENCE

PMI Product Management @ Illinois   Sep 2021 - Present
Vice President @ Operations   Champaign, IL

- Invite guest speakers & Held 20+ info sessions about preparation for product manager positions
- Participate in weekly Executive Council meetings
- Arrange weekly meeting agenda, 11 meetings/semester

Tencent   Jan 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

TechX Academy   May 2021 - Aug 2021
House Lead   Shanghai
- Research on improving user experience
- Research on factors to organize teams and create algorithms to form teams among students
- Design and co-organize summer camp activities for Chinese high school students

EXTRACURRICULAR ACTIVITIES

UIUC-CSSA(Chinese Student & Scholar's Association)   Aug 2020 - Present
Advisor   Champaign, IL
- Held campus-wide Chinese basketball competitions.
- Co-organized Mid Autumn Festival's gala.

Hong Kong basketball competition for mainland student   Feb 2019 - May 2019
Team member   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$