

# YANG QIU

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Website: XXX.github.io

## PROFILE

I like working with computers. Computer Science is my major and will be my future profession. I've worked on projects of a variety of types, including HCI, web, mobile, machine learning, etc.

## EDUCATION

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**Undergraduate student, Department of Computer Science, Kean University (WKU) — Aug 2018-Present**

GPA 3.912 / 4, Ranking No.1 among all 66 students in the department at Kean University

## PROJECTS

**iTer: An Interactive Map based on 3 Input Approaches — Sep 2021-Nov 2021**

Code: [https://drive.google.com/drive/folders/1\\_yrhxiQGnSK1A6r9QaBV3eiCtH1jJrr](https://drive.google.com/drive/folders/1_yrhxiQGnSK1A6r9QaBV3eiCtH1jJrr)

**On the adoption of Metaheuristics for Solving 0-1 Knapsack Problems — Apr 2021-Jun 2021**

**Data Mining and Predictive Analytics of Customer Churn Using Machine Learning: A Case Study of Telecommunication Industry — Apr 2021-Jun 2021**

**Nanorobots and 6G: the Invisible Interface and Human Behavior — Mar 2021-Present**

**A Multi-Objective Improved Butterfly Optimization Algorithm for Wireless Mesh Networks to Optimize the Energy-Throughput Tradeoff — Jun 2020-Present**

**Optimal Recycle Price Game Theory for Second-Hand Mobile Phone Recycling — May 2020-Jul 2021**

## PUBLICATIONS

Zixuan Liu, Yang Qiu, Yihang Liu, Wangying Dou, Sujatha Krishmoornathy, Kennedy E. Ehimwenma. Optimal Recycle Price Game Theory for Second-Hand Mobile Phone Recycling. Accepted by the Journal of Environmental Science and Pollution Research (ESPR), 2021

Yang Qiu, Haomiao Li, Xiao Wang and Omar Dib. On the adoption of Metaheuristics for Solving 0-1 Knapsack Problems. Submitted to the 22nd International Conference on Parallel and Distributed Computing, Applications and Technologies (PDCAT 2021)

Yang Qiu, Sujatha Krishmoornathy. Nanorobots and 6G: the Invisible Interface and Human Behavior. Submitted to the International Journal of Computers and Electrical Engineering.

Yang Qiu, Sujatha Krishmoornathy. A Multi-Objective Improved Butterfly Optimization Algorithm for Wireless Mesh Networks to Optimize the Energy-Throughput Tradeoff. Under review.

### **INTERNSHIP**

Data analyst, The Huainan Branch of the Industrial and Commercial Bank of China (ICBC) — Jun 2021-Aug 2021

Data analyst, The Huainan Branch of the People's Bank of China (PBC) — Jun 2020-Sep 2020

Sales assistant, Pfizer — Aug 2019-Apr 2020

### **WORK EXPERIENCE**

**Co-founder and CTO of Hamster international. — Aug 2018-Apr 2020**

Led the engineering team and built a mobile APP that operates an online food ordering and food delivery platform for the students and foreign teachers in Kean University.

### **AWARDS**

Finalist of the 2021 Mathematical Contest in Modeling (MCM) / The Interdisciplinary Contest in Modeling (ICM).

2019-2020 (sophomore) First Prize, Dean's Scholarship, Kean University

2019、2020 Excellent Research Assistant, Kean University

### **ACTIVITIES**

Organizer and keynote speaker. WKU 1st CS Technical Research Symposium. June - September 2021. <https://cs-symposium.com/>

Volunteer and tutor. Student Academic Support Serve Center, SASSC. September 2019-Present

Leading lecturer. Java Workshop. March 2021

Leading organizer. The Supplemental Workshop: CPS 2231, 2021