

# YANG QIU

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Personal website:

davidyqiu.github.io

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## PROFILE

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

## EDUCATION

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

GPA 3.912 / 4, Ranking No.1 among all 66 students in the Computer Science Department at Wenzhou-Kean University (WKU)

## PROJECTS

- An Integrated Interactive Mapping System — 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 Model for Second-hand Mobile Phone Recycling — May 2020-Jul 2021

## PUBLICATIONS

- Kennedy E. Ehimwenma, Sujatha Krishnamoorthy, Zixuan Liu, Yang Qiu, Yihang Liu, Wangying Dou. Optimal Recycle Price Game Theory Model for Second-hand Mobile Phone Recycling. Journal of Environmental Science and Pollution Research (ESPR). 2021. <https://doi.org/10.1007/s11356-021-17061-w>
- 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 WKU.

### AWARDS

- Finalist of the 2021 Mathematical Contest in Modeling (MCM) / The Interdisciplinary Contest in Modeling (ICM).
- 2019-2020 (sophomore) First Prize, Dean's Scholarship, WKU
- 2019、2020 Excellent Research Assistant, WKU

### 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