Xiating Ouyang

Email : xouyang@cs.wisc.edu

`http://pages.cs.wisc.edu/~xouyang/`

RESEARCH INTERESTS	**Database systems** and **theoretical computer science**: Foundations for query processing, managing data under uncertainty, classification algorithms and graph theory.

EDUCATION

University of Wisconsin–Madison, Madison WI
Ph.D. in Computer Science — 2018 – present
M.Sc. in Computer Science — 2018 – 2020

Hong Kong Polytechnic University, Hong Kong
B.Sc. in Computing (1st honor) — 2014 – 2018

University of Waterloo, Waterloo ON
Exchange Program — Winter 2017

EMPLOYMENTS

University of Wisconsin–Madison, Madison WI — 2019 – Present
Research Assistant

Microsoft Gray Systems Lab, Azure Data, Redmond WA — Summer 2020
Research Intern

Thermo Fisher Scientific, Madison WI — Summer 2019
Software Engineering Intern

University of Wisconsin–Madison, Madison WI — 2018 – 2019
Teaching Assistant

Hong Kong Polytechnic University, Hong Kong — 2015 – 2018
Undergraduate Research Assistant

PUBLICATIONS

Unit interval vertex deletion: Fewer vertices are relevant. Yuping Ke, Yixin Cao, Xiating Ouyang, Wenjun Li and Jianxin Wang. *Journal of Computer and System Sciences*, 96:109–121, 2018. `doi:10.1016/j.jcss.2018.01.001`.

SERVICES

Judge, Departmental coding competition, UW–Madison — 2019
Coach, ACM-ICPC team, HK PolyU — 2017, 2018
Webmaster and student organizer, COCOON'17 — 2016, 2017
Student organizer, SMARTCOMP'17 — 2017
Vice president, Exploring Hong Kong Community — 2015, 2016

TEACHING EXPERIENCES

TA: CS 577 Introduction to Algorithms, UW–Madison — Spring 2019
TA: CS 240 Discrete Mathematics, UW–Madison — Fall 2018
TA: COMP 2422 Database Systems, HK PolyU — Fall 2017

HONORS AND AWARDS

ACM-ICPC North Central North America Regional Contest, 10/208 — 2018
UW-Madison CS Special Scholarship — 2018
Hong Kong SAR Government Scholarship — 2016, 2017, 2018
Outstanding Student Award, Dept. of Computing, HK PolyU — 2018
ACM-HK Chapter Collegiate Programming Contest, 3/34 & 3/37 — 2016, 2017

SKILLS

Programming languages: C/C++/C#, Python, Java, PHP, JavaScript
Operating systems: Linux(Ubuntu), MacOS, Windows
Tools: git, LaTeX, tikz
Languages: English (proficient), Mandarin (native) and Cantonese (intermediate)